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IMPROVED MILLIVOLT-TEMPERATURE CONVERSION TABLES FOR COPPER-CON--ETC(U)
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TABLES FOR COPPER-CONSTANTAN THERMOCOUPLES
32 F REFERENCE TEMPERATURE

COLD REGIONS RESEARCH AND ENGINEERING LAB.
HANOVER, NEW HAMPSHIRE

DECEMBER 1976

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Special Report 76-18

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P.E. Stallman
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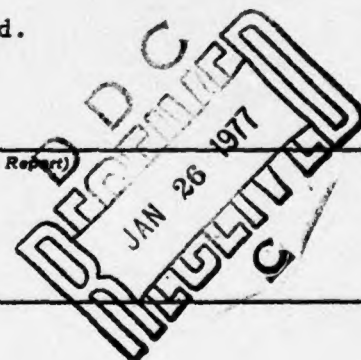
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20. ABSTRACT (Continue on reverse side if necessary and identify by block number) It is the intent of this report to extend and improve the tables already available (CRREL Special Report 108, G.W. Aitken, 1966). The computational method is described with discussion of error, improved methods, and limitations. The tables are presented in two sections: the first for temperatures in the range -184°C to 0°C, the second for temperatures in the range 0°C to 100°C. The corresponding Fahrenheit temperatures are also included.		



IMPROVED MILLIVOLT-TEMPERATURE CONVERSION TABLES
FOR COPPER-CONSTANTAN THERMOCOUPLES
32° F Reference Temperature

by

P.E. Stallman and K. Itagaki

INTRODUCTION

It is the intent of this report to extend and improve the tables already available (CRREL Special Report 108, G.W. Aitken, 1966). The computational method is described with discussion of error, improved methods, and limitations. The tables are presented in two sections: the first for temperatures in the range -184°C to 0°C , the second for temperatures in the range 0°C to 100°C . The corresponding Fahrenheit temperatures are also included.

PROCEDURE

The relationship of the emf produced by copper-constantan and the temperature is not well represented by a single function. Therefore, for the purpose of generating these tables, two cubic equations with different sets of constants (A_1, B_1, C_1) and (A_2, B_2, C_2) were used. The cubic equation is

$$e = A_i t + B_i t^2 + C_i t^3 \quad (1)$$

where $i = 1, 2$, e = emf in millivolts, and t = temperature in $^{\circ}\text{C}$.

The constants A_i , B_i , and C_i in eq 1 were obtained by using the least squares polynomial curve fit subroutine in the Dartmouth College GE 625 computer.* The input for the fitting function to obtain the constants A_1, B_1, C_1 and A_2, B_2, C_2 was National Bureau of Standards Data (1955) from -190°C to 0°C and 0°C to 100°C respectively. All points given in the NBS tables in these ranges were used for the fits. The constants obtained from these fits were

$$A_1 = 3.84971 \times 10^{-2}$$

$$A_2 = 3.84256 \times 10^{-2}$$

$$B_1 = 4.62204 \times 10^{-5}$$

$$B_2 = 4.72065 \times 10^{-5}$$

$$C_1 = -3.88666 \times 10^{-8}$$

$$C_2 = -3.76875 \times 10^{-8}$$

* This subroutine was written by L.C. Semperebon, Radiophysics Laboratory, Dartmouth College.

These constants were then incorporated into a computer program using the cosine method for the solution of the cubic equation (Weast et al., 1965). Thus, eq 1 is rearranged such that

$$t^3 + \frac{B}{C} t^2 + \frac{A}{C} t - \frac{E}{C} = 0. \quad (2)$$

Define $p = \frac{B}{C}$, $q = \frac{A}{C}$, $r = \frac{-E}{C}$,

let $t = x - \frac{p}{3}$ (3)

then $x^3 + ax + b = 0$ (4)

where $a = \frac{1}{3} (3q - p^2)$ and $b = \frac{1}{27} (2p^3 - 9pq + 27r)$.

For the cosine solution ϕ is calculated by

$$\cos \phi = \frac{-(2p^3 - 9pq)}{54 \sqrt{\frac{-a^3}{27}}} - \frac{r}{\sqrt{\frac{-a^3}{27}}}. \quad (5)$$

Then the particular solution for x is calculated using

$$x = 2 \sqrt{\frac{-a}{3}} \left(\cos \frac{\phi}{3} + 120^\circ \right). \quad (6)$$

Substituting in eq 3, the temperature in $^\circ\text{C}$ is obtained.

DISCUSSION

As mentioned previously, a single function does not represent the emf-temperature relationship very well, and this was the reason for the two different fits. Even by using two fitting equations, there are some points that lie beyond a 0.5-microvolt confidence interval as shown in Figure 1. The main reason for this deviation from the NBS data is the rounding of the NBS values as well as the rounding of these tables to the nearest hundredth of a degree. Further information on rounding and improved methods using second degree Lagrange interpolation is given in the paper by Benedict and Ashby (1962).

The tables given here are limited by the rounding discussed above and the physical limits of error produced by copper-constantan thermocouples.* Considering these limitations, copper-constantan is preferred for work in the area covered by this table, in particular those temperatures below -50°C (Powell et al., 1962).

* ASTM Standards lists the limits of error for copper-constantan thermocouples between -75°F and 200°F as $\pm 1\frac{1}{2}^\circ\text{F}$ for standard wire and $\pm 3/4^\circ\text{F}$ for special wire. For the range -300°F to -75°F the limits are given for special wire only as $\pm 1\%$ of the temperature measure.

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Aitken, G.W. (1966) Temperature-millivolt conversion tables: copper-constantan thermocouples, 32°F reference temperature. U.S. Army Cold Regions Research and Engineering Laboratory Special Report 108.

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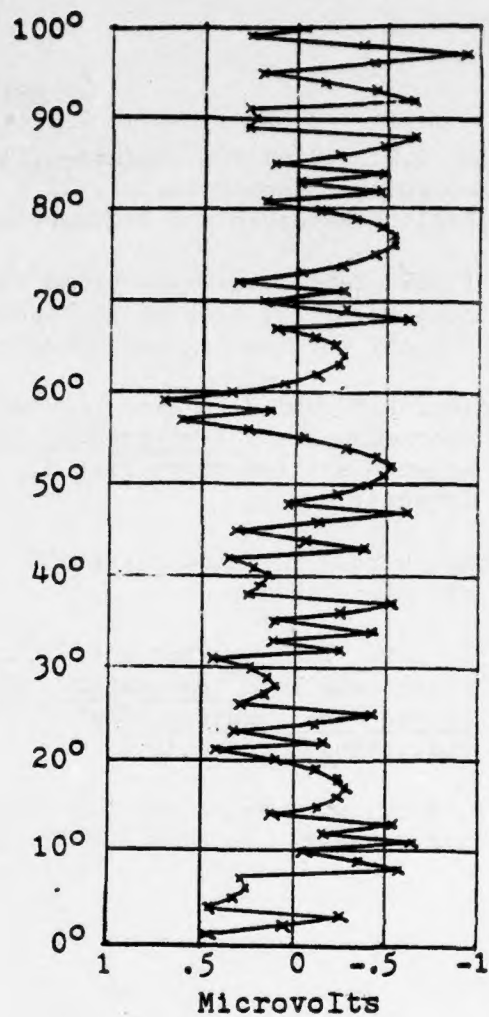
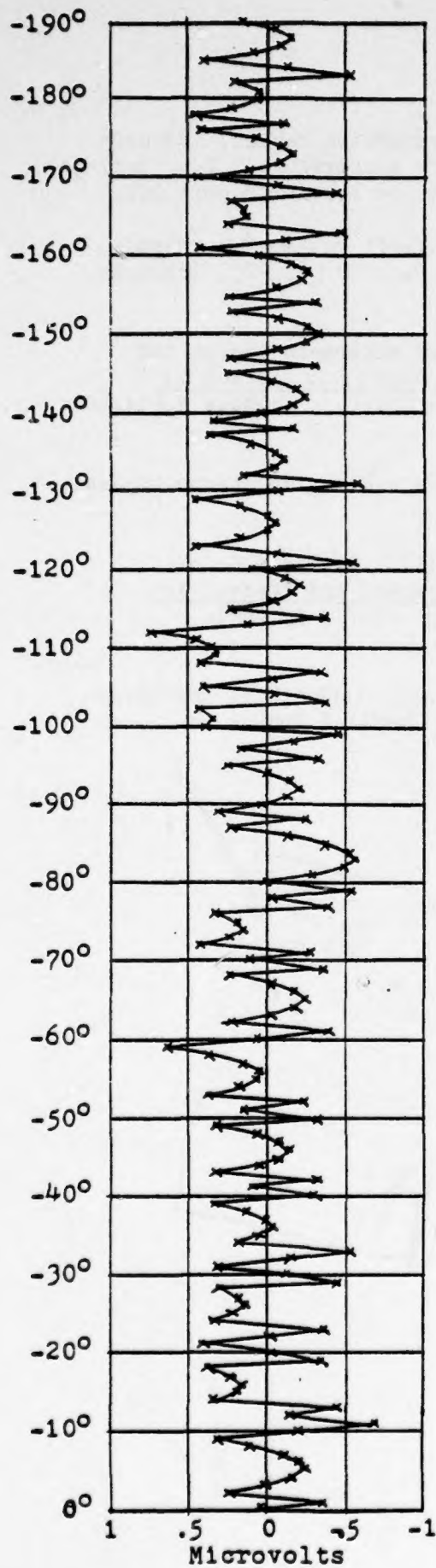


Figure 1. Deviations of fitted curves from National Bureau of Standards data.

SECTION I

MILLIVOLT-TEMPERATURE CONVERSION TABLES FOR

0°C to -184°C

32°F to -279°F

MV	C	F	MV	C	F	MV	C	F	MV	C	F
-.000	.00	32.00	-.040	-1.04	30.13	-.080	-2.08	28.25	-.120	-3.13	26.37
-.001	-.02	31.96	-.041	-1.06	30.08	-.081	-2.11	28.21	-.121	-3.15	26.33
-.002	-.05	31.91	-.042	-1.09	30.04	-.082	-2.13	28.16	-.122	-3.18	26.28
-.003	-.08	31.86	-.043	-1.12	29.99	-.083	-2.16	28.11	-.123	-3.21	26.23
-.004	-.10	31.82	-.044	-1.14	29.94	-.084	-2.19	28.07	-.124	-3.23	26.18
-.005	-.13	31.77	-.045	-1.17	29.90	-.085	-2.21	28.02	-.125	-3.26	26.14
-.006	-.15	31.72	-.046	-1.19	29.85	-.086	-2.24	27.97	-.126	-3.28	26.09
-.007	-.18	31.68	-.047	-1.22	29.80	-.087	-2.26	27.93	-.127	-3.31	26.04
-.008	-.21	31.63	-.048	-1.25	29.76	-.088	-2.29	27.88	-.128	-3.34	26.00
-.009	-.23	31.58	-.049	-1.27	29.71	-.089	-2.32	27.83	-.129	-3.36	25.95
-.010	-.26	31.54	-.050	-1.30	29.66	-.090	-2.34	27.78	-.130	-3.39	25.90
-.011	-.28	31.49	-.051	-1.32	29.62	-.091	-2.37	27.74	-.131	-3.41	25.85
-.012	-.31	31.44	-.052	-1.35	29.57	-.092	-2.39	27.69	-.132	-3.44	25.81
-.013	-.34	31.40	-.053	-1.38	29.52	-.093	-2.42	27.64	-.133	-3.47	25.76
-.014	-.36	31.35	-.054	-1.40	29.48	-.094	-2.45	27.60	-.134	-3.49	25.71
-.015	-.39	31.30	-.055	-1.43	29.43	-.095	-2.47	27.55	-.135	-3.52	25.67
-.016	-.41	31.26	-.056	-1.45	29.38	-.096	-2.50	27.50	-.136	-3.55	25.62
-.017	-.44	31.21	-.057	-1.48	29.33	-.097	-2.52	27.46	-.137	-3.57	25.57
-.018	-.47	31.16	-.058	-1.51	29.29	-.098	-2.55	27.41	-.138	-3.60	25.52
-.019	-.49	31.12	-.059	-1.53	29.24	-.099	-2.58	27.36	-.139	-3.62	25.48
-.020	-.52	31.07	-.060	-1.56	29.19	-.100	-2.60	27.31	-.140	-3.65	25.43
-.021	-.54	31.02	-.061	-1.59	29.15	-.101	-2.63	27.27	-.141	-3.68	25.38
-.022	-.57	30.98	-.062	-1.61	29.10	-.102	-2.66	27.22	-.142	-3.70	25.34
-.023	-.60	30.93	-.063	-1.64	29.05	-.103	-2.68	27.17	-.143	-3.73	25.29
-.024	-.62	30.88	-.064	-1.66	29.01	-.104	-2.71	27.13	-.144	-3.76	25.24
-.025	-.65	30.83	-.065	-1.69	28.96	-.105	-2.73	27.08	-.145	-3.78	25.19
-.026	-.67	30.79	-.066	-1.72	28.91	-.106	-2.76	27.03	-.146	-3.81	25.15
-.027	-.70	30.74	-.067	-1.74	28.87	-.107	-2.79	26.98	-.147	-3.83	25.10
-.028	-.73	30.69	-.068	-1.77	28.82	-.108	-2.81	26.94	-.148	-3.86	25.05
-.029	-.75	30.65	-.069	-1.79	28.77	-.109	-2.84	26.89	-.149	-3.89	25.00
-.030	-.78	30.60	-.070	-1.82	28.72	-.110	-2.86	26.84	-.150	-3.91	24.96
-.031	-.80	30.55	-.071	-1.85	28.68	-.111	-2.89	26.80	-.151	-3.94	24.91
-.032	-.83	30.51	-.072	-1.87	28.63	-.112	-2.92	26.75	-.152	-3.96	24.86
-.033	-.86	30.46	-.073	-1.90	28.58	-.113	-2.94	26.70	-.153	-3.99	24.82
-.034	-.88	30.41	-.074	-1.92	28.54	-.114	-2.97	26.65	-.154	-4.02	24.77
-.035	-.91	30.37	-.075	-1.95	28.49	-.115	-3.00	26.61	-.155	-4.04	24.72
-.036	-.93	30.32	-.076	-1.98	28.44	-.116	-3.02	26.56	-.156	-4.07	24.67
-.037	-.96	30.27	-.077	-2.00	28.40	-.117	-3.05	26.51	-.157	-4.10	24.63
-.038	-.99	30.23	-.078	-2.03	28.35	-.118	-3.07	26.47	-.158	-4.12	24.58
-.039	-1.01	30.18	-.079	-2.05	28.30	-.119	-3.10	26.42	-.159	-4.15	24.53

MV	C	F	MV	C	F	MV	C	F	MV	C	F
-160	-4.17	24.49	-200	-5.23	22.59	-240	-6.28	20.70	-280	-7.34	18.60
-161	-4.20	24.44	-201	-5.25	22.55	-241	-6.31	20.65	-281	-7.36	18.75
-162	-4.23	24.39	-202	-5.28	22.50	-242	-6.33	20.60	-282	-7.39	18.70
-163	-4.25	24.34	-203	-5.30	22.45	-243	-6.36	20.55	-283	-7.42	18.65
-164	-4.28	24.30	-204	-5.33	22.40	-244	-6.38	20.51	-284	-7.44	18.60
-165	-4.31	24.25	-205	-5.36	22.36	-245	-6.41	20.46	-285	-7.47	18.56
-166	-4.33	24.20	-206	-5.38	22.31	-246	-6.44	20.41	-286	-7.49	18.51
-167	-4.36	24.15	-207	-5.41	22.26	-247	-6.46	20.36	-287	-7.52	18.46
-168	-4.38	24.11	-208	-5.44	22.21	-248	-6.49	20.32	-288	-7.55	18.41
-169	-4.41	24.06	-209	-5.46	22.17	-249	-6.52	20.27	-289	-7.57	18.37
-170	-4.44	24.01	-210	-5.49	22.12	-250	-6.54	20.22	-290	-7.60	18.32
-171	-4.46	23.97	-211	-5.52	22.07	-251	-6.57	20.17	-291	-7.63	18.27
-172	-4.49	23.92	-212	-5.54	22.03	-252	-6.60	20.13	-292	-7.65	18.22
-173	-4.52	23.87	-213	-5.57	21.98	-253	-6.62	20.08	-293	-7.68	18.18
-174	-4.54	23.82	-214	-5.59	21.93	-254	-6.65	20.03	-294	-7.71	18.13
-175	-4.57	23.78	-215	-5.62	21.88	-255	-6.68	19.98	-295	-7.73	18.08
-176	-4.59	23.73	-216	-5.65	21.84	-256	-6.70	19.94	-296	-7.76	18.03
-177	-4.62	23.68	-217	-5.67	21.79	-257	-6.73	19.89	-297	-7.79	17.99
-178	-4.65	23.63	-218	-5.70	21.74	-258	-6.75	19.84	-298	-7.81	17.94
-179	-4.67	23.59	-219	-5.73	21.69	-259	-6.78	19.79	-299	-7.84	17.89
-180	-4.70	23.54	-220	-5.75	21.65	-260	-6.81	19.75	-300	-7.87	17.84
-181	-4.73	23.49	-221	-5.78	21.60	-261	-6.83	19.70	-301	-7.89	17.79
-182	-4.75	23.45	-222	-5.80	21.55	-262	-6.86	19.65	-302	-7.92	17.75
-183	-4.78	23.40	-223	-5.83	21.50	-263	-6.89	19.60	-303	-7.94	17.70
-184	-4.81	23.35	-224	-5.86	21.46	-264	-6.91	19.56	-304	-7.97	17.65
-185	-4.83	23.30	-225	-5.88	21.41	-265	-6.94	19.51	-305	-8.00	17.60
-186	-4.86	23.26	-226	-5.91	21.36	-266	-6.97	19.46	-306	-8.02	17.56
-187	-4.88	23.21	-227	-5.94	21.31	-267	-6.99	19.41	-307	-8.05	17.51
-188	-4.91	23.16	-228	-5.96	21.27	-268	-7.02	19.37	-308	-8.08	17.46
-189	-4.94	23.11	-229	-5.99	21.22	-269	-7.05	19.32	-309	-8.10	17.41
-190	-4.96	23.07	-230	-6.02	21.17	-270	-7.07	19.27	-310	-8.13	17.37
-191	-4.99	23.02	-231	-6.04	21.12	-271	-7.10	19.22	-311	-8.16	17.32
-192	-5.02	22.97	-232	-6.07	21.08	-272	-7.12	19.18	-312	-8.18	17.27
-193	-5.04	22.93	-233	-6.09	21.03	-273	-7.15	19.13	-313	-8.21	17.22
-194	-5.07	22.88	-234	-6.12	20.98	-274	-7.18	19.08	-314	-8.24	17.18
-195	-5.09	22.83	-235	-6.15	20.93	-275	-7.20	19.03	-315	-8.26	17.13
-196	-5.12	22.78	-236	-6.17	20.89	-276	-7.23	18.99	-316	-8.29	17.08
-197	-5.15	22.74	-237	-6.20	20.84	-277	-7.26	18.94	-317	-8.32	17.03
-198	-5.17	22.69	-238	-6.23	20.79	-278	-7.28	18.89	-318	-8.34	16.98
-199	-5.20	22.64	-239	-6.25	20.74	-279	-7.31	18.84	-319	-8.37	16.94

MV	C	F	MV	C	F	MV	C	F	MV	C	F
-.480	-12.66	9.21	-.520	-13.73	7.26	-.560	-14.31	5.34	-.600	-15.89	3.40
-.481	-12.69	9.16	-.521	-13.76	7.23	-.561	-14.84	5.29	-.601	-15.92	3.35
-.482	-12.71	9.11	-.522	-13.79	7.18	-.562	-14.96	5.24	-.602	-15.94	3.30
-.483	-12.74	9.07	-.523	-13.81	7.13	-.563	-14.99	5.19	-.603	-15.97	3.25
-.484	-12.77	9.02	-.524	-13.84	7.08	-.564	-14.92	5.15	-.604	-16.00	3.20
-.485	-12.79	8.97	-.525	-13.87	7.04	-.565	-14.95	5.10	-.605	-16.03	3.15
-.486	-12.82	8.92	-.526	-13.90	6.99	-.566	-14.97	5.05	-.606	-16.05	3.11
-.487	-12.85	8.87	-.527	-13.92	6.94	-.567	-15.00	5.00	-.607	-16.08	3.06
-.488	-12.88	8.82	-.528	-13.95	6.89	-.568	-15.03	4.95	-.608	-16.11	3.01
-.489	-12.90	8.78	-.529	-13.98	6.84	-.569	-15.05	4.90	-.609	-16.13	2.96
-.490	-12.93	8.73	-.530	-14.00	6.79	-.570	-15.08	4.86	-.610	-16.16	2.91
-.491	-12.96	8.68	-.531	-14.03	6.75	-.571	-15.11	4.81	-.611	-16.19	2.86
-.492	-12.98	8.63	-.532	-14.06	6.70	-.572	-15.13	4.76	-.612	-16.21	2.81
-.493	-13.01	8.58	-.533	-14.08	6.65	-.573	-15.16	4.71	-.613	-16.24	2.76
-.494	-13.04	8.54	-.534	-14.11	6.60	-.574	-15.19	4.66	-.614	-16.27	2.72
-.495	-13.06	8.49	-.535	-14.14	6.55	-.575	-15.22	4.61	-.615	-16.30	2.67
-.496	-13.09	8.44	-.536	-14.16	6.50	-.576	-15.24	4.56	-.616	-16.32	2.62
-.497	-13.12	8.39	-.537	-14.19	6.46	-.577	-15.27	4.52	-.617	-16.35	2.57
-.498	-13.14	8.34	-.538	-14.22	6.41	-.578	-15.30	4.47	-.618	-16.38	2.52
-.499	-13.17	8.29	-.539	-14.25	6.36	-.579	-15.32	4.42	-.619	-16.40	2.47
-.500	-13.20	8.25	-.540	-14.27	6.31	-.580	-15.35	4.37	-.620	-16.43	2.42
-.501	-13.22	8.20	-.541	-14.30	6.26	-.581	-15.38	4.32	-.621	-16.46	2.37
-.502	-13.25	8.15	-.542	-14.33	6.21	-.582	-15.40	4.27	-.622	-16.49	2.33
-.503	-13.28	8.10	-.543	-14.35	6.16	-.583	-15.43	4.22	-.623	-16.51	2.28
-.504	-13.30	8.05	-.544	-14.38	6.12	-.584	-15.46	4.18	-.624	-16.54	2.23
-.505	-13.33	8.00	-.545	-14.41	6.07	-.585	-15.49	4.13	-.625	-16.57	2.18
-.506	-13.36	7.96	-.546	-14.43	6.02	-.586	-15.51	4.08	-.626	-16.59	2.13
-.507	-13.39	7.91	-.547	-14.46	5.97	-.587	-15.54	4.03	-.627	-16.62	2.08
-.508	-13.41	7.86	-.548	-14.49	5.92	-.588	-15.57	3.98	-.628	-16.65	2.03
-.509	-13.44	7.81	-.549	-14.51	5.87	-.589	-15.59	3.93	-.629	-16.68	1.98
-.510	-13.47	7.76	-.550	-14.54	5.83	-.590	-15.62	3.88	-.630	-16.70	1.94
-.511	-13.49	7.71	-.551	-14.57	5.78	-.591	-15.65	3.83	-.631	-16.73	1.89
-.512	-13.52	7.67	-.552	-14.60	5.73	-.592	-15.67	3.79	-.632	-16.76	1.84
-.513	-13.55	7.62	-.553	-14.62	5.68	-.593	-15.70	3.74	-.633	-16.78	1.79
-.514	-13.57	7.57	-.554	-14.65	5.63	-.594	-15.73	3.69	-.634	-16.81	1.74
-.515	-13.50	7.52	-.555	-14.68	5.58	-.595	-15.76	3.64	-.635	-16.84	1.69
-.516	-13.63	7.47	-.556	-14.70	5.53	-.596	-15.78	3.59	-.636	-16.86	1.64
-.517	-13.55	7.42	-.557	-14.73	5.49	-.597	-15.81	3.54	-.637	-16.89	1.59
-.518	-13.68	7.38	-.558	-14.76	5.44	-.598	-15.84	3.49	-.638	-16.92	1.55
-.519	-13.71	7.33	-.559	-14.78	5.39	-.599	-15.86	3.45	-.639	-16.95	1.50

MV	C	F	MV	C	F	MV	C	F	MV	C	F
-640	-16.97	1.45	-680	-18.06	-51	-720	-19.15	-2.47	-760	-20.24	-4.43
-641	-17.00	1.40	-681	-18.09	-55	-721	-19.17	-2.51	-761	-20.27	-4.48
-642	-17.03	1.35	-682	-18.11	-60	-722	-19.20	-2.56	-762	-20.29	-4.53
-643	-17.05	1.30	-683	-18.14	-65	-723	-19.23	-2.61	-763	-20.32	-4.58
-644	-17.08	1.25	-684	-18.17	-70	-724	-19.26	-2.66	-764	-20.35	-4.63
-645	-17.11	1.20	-685	-18.19	-75	-725	-19.28	-2.71	-765	-20.38	-4.68
-646	-17.14	1.16	-686	-18.22	-80	-726	-19.31	-2.76	-766	-20.40	-4.73
-647	-17.16	1.11	-687	-18.25	-85	-727	-19.34	-2.81	-767	-20.43	-4.78
-648	-17.19	1.06	-688	-18.28	-90	-728	-19.37	-2.86	-768	-20.46	-4.83
-649	-17.22	1.01	-689	-18.30	-95	-729	-19.39	-2.91	-769	-20.49	-4.87
-650	-17.24	.96	-690	-18.33	-1.00	-730	-19.42	-2.96	-770	-20.51	-4.92
-651	-17.27	.91	-691	-18.36	-1.04	-731	-19.45	-3.01	-771	-20.54	-4.97
-652	-17.30	.86	-692	-18.39	-1.09	-732	-19.47	-3.05	-772	-20.57	-5.02
-653	-17.33	.81	-693	-18.41	-1.14	-733	-19.50	-3.10	-773	-20.60	-5.07
-654	-17.35	.76	-694	-18.44	-1.19	-734	-19.53	-3.15	-774	-20.62	-5.12
-655	-17.38	.72	-695	-18.47	-1.24	-735	-19.56	-3.20	-775	-20.65	-5.17
-656	-17.41	.67	-696	-18.49	-1.29	-736	-19.58	-3.25	-776	-20.68	-5.22
-657	-17.43	.62	-697	-18.52	-1.34	-737	-19.61	-3.30	-777	-20.70	-5.27
-658	-17.46	.57	-698	-18.55	-1.39	-738	-19.64	-3.35	-778	-20.73	-5.32
-659	-17.49	.52	-699	-18.58	-1.44	-739	-19.67	-3.40	-779	-20.76	-5.37
-660	-17.52	.47	-700	-18.60	-1.49	-740	-19.69	-3.45	-780	-20.79	-5.42
-661	-17.54	.42	-701	-18.63	-1.53	-741	-19.72	-3.50	-781	-20.81	-5.47
-662	-17.57	.37	-702	-18.66	-1.58	-742	-19.75	-3.55	-782	-20.84	-5.51
-663	-17.59	.33	-703	-18.68	-1.63	-743	-19.78	-3.60	-783	-20.87	-5.56
-664	-17.62	.28	-704	-18.71	-1.68	-744	-19.80	-3.64	-784	-20.90	-5.61
-665	-17.65	.23	-705	-18.74	-1.73	-745	-19.83	-3.69	-785	-20.92	-5.66
-666	-17.68	.18	-706	-18.77	-1.78	-746	-19.86	-3.74	-786	-20.95	-5.71
-667	-17.71	.13	-707	-18.79	-1.83	-747	-19.88	-3.79	-787	-20.98	-5.76
-668	-17.73	.08	-708	-18.82	-1.88	-748	-19.91	-3.84	-788	-21.01	-5.81
-669	-17.76	.03	-709	-18.85	-1.93	-749	-19.94	-3.89	-789	-21.03	-5.86
-670	-17.79	-.02	-710	-18.88	-1.98	-750	-19.97	-3.94	-790	-21.06	-5.91
-671	-17.81	-.07	-711	-18.90	-2.02	-751	-19.99	-3.99	-791	-21.09	-5.96
-672	-17.84	-.11	-712	-18.93	-2.07	-752	-20.02	-4.04	-792	-21.12	-6.01
-673	-17.87	-.16	-713	-18.96	-2.12	-753	-20.05	-4.09	-793	-21.14	-6.06
-674	-17.90	-.21	-714	-18.98	-2.17	-754	-20.08	-4.14	-794	-21.17	-6.11
-675	-17.92	-.26	-715	-19.01	-2.22	-755	-20.10	-4.19	-795	-21.20	-6.16
-676	-17.95	-.31	-716	-19.04	-2.27	-756	-20.13	-4.23	-796	-21.23	-6.21
-677	-17.98	-.36	-717	-19.07	-2.32	-757	-20.16	-4.28	-797	-21.26	-6.26
-678	-18.00	-.41	-718	-19.09	-2.37	-758	-20.19	-4.33	-798	-21.28	-6.30
-679	-18.03	-.46	-719	-19.12	-2.42	-759	-20.21	-4.38	-799	-21.31	-6.35

MV	C	F	MV	C	F	MV	C	F	MV	C	F
-.800	-21.33	-6.40	-.840	-22.43	-8.38	-.880	-23.53	-10.36	-.920	-24.64	-12.35
-.801	-21.36	-6.45	-.841	-22.46	-8.43	-.881	-23.56	-10.41	-.921	-24.67	-12.40
-.802	-21.39	-6.50	-.842	-22.49	-8.48	-.882	-23.59	-10.46	-.922	-24.70	-12.45
-.803	-21.42	-6.55	-.843	-22.52	-8.53	-.883	-23.62	-10.51	-.923	-24.72	-12.50
-.804	-21.44	-6.60	-.844	-22.54	-8.58	-.884	-23.65	-10.56	-.924	-24.75	-12.55
-.805	-21.47	-6.65	-.845	-22.57	-8.63	-.885	-23.67	-10.61	-.925	-24.78	-12.60
-.806	-21.50	-6.70	-.846	-22.60	-8.68	-.886	-23.70	-10.66	-.926	-24.81	-12.65
-.807	-21.53	-6.75	-.847	-22.63	-8.73	-.887	-23.73	-10.71	-.927	-24.83	-12.70
-.808	-21.55	-6.80	-.848	-22.65	-8.78	-.888	-23.76	-10.76	-.928	-24.86	-12.75
-.809	-21.58	-6.85	-.849	-22.68	-8.83	-.889	-23.78	-10.81	-.929	-24.89	-12.80
-.810	-21.61	-6.90	-.850	-22.71	-8.87	-.890	-23.81	-10.86	-.930	-24.92	-12.85
-.811	-21.64	-6.95	-.851	-22.74	-8.92	-.891	-23.84	-10.91	-.931	-24.94	-12.90
-.812	-21.66	-7.00	-.852	-22.76	-8.97	-.892	-23.87	-10.96	-.932	-24.97	-12.95
-.813	-21.69	-7.04	-.853	-22.79	-9.02	-.893	-23.89	-11.01	-.933	-25.00	-13.00
-.814	-21.72	-7.09	-.854	-22.82	-9.07	-.894	-23.92	-11.06	-.934	-25.03	-13.05
-.815	-21.75	-7.14	-.855	-22.85	-9.12	-.895	-23.95	-11.11	-.935	-25.05	-13.10
-.816	-21.77	-7.19	-.856	-22.87	-9.17	-.896	-23.98	-11.16	-.936	-25.08	-13.15
-.817	-21.80	-7.24	-.857	-22.90	-9.22	-.897	-24.00	-11.21	-.937	-25.11	-13.20
-.818	-21.83	-7.29	-.858	-22.93	-9.27	-.898	-24.03	-11.26	-.938	-25.14	-13.25
-.819	-21.86	-7.34	-.859	-22.96	-9.32	-.899	-24.06	-11.31	-.939	-25.17	-13.30
-.820	-21.88	-7.39	-.860	-22.98	-9.37	-.900	-24.09	-11.36	-.940	-25.19	-13.35
-.821	-21.91	-7.44	-.861	-23.01	-9.42	-.901	-24.11	-11.41	-.941	-25.22	-13.40
-.822	-21.94	-7.49	-.862	-23.04	-9.47	-.902	-24.14	-11.46	-.942	-25.25	-13.45
-.823	-21.97	-7.54	-.863	-23.07	-9.52	-.903	-24.17	-11.51	-.943	-25.28	-13.50
-.824	-21.99	-7.59	-.864	-23.09	-9.57	-.904	-24.20	-11.56	-.944	-25.30	-13.55
-.825	-22.02	-7.64	-.865	-23.12	-9.62	-.905	-24.22	-11.60	-.945	-25.33	-13.60
-.826	-22.05	-7.69	-.866	-23.15	-9.67	-.906	-24.25	-11.65	-.946	-25.36	-13.65
-.827	-22.08	-7.74	-.867	-23.18	-9.72	-.907	-24.28	-11.70	-.947	-25.39	-13.70
-.828	-22.10	-7.79	-.868	-23.20	-9.77	-.908	-24.31	-11.75	-.948	-25.42	-13.75
-.829	-22.13	-7.84	-.869	-23.23	-9.82	-.909	-24.34	-11.80	-.949	-25.44	-13.80
-.830	-22.16	-7.88	-.870	-23.26	-9.87	-.910	-24.36	-11.85	-.950	-25.47	-13.85
-.831	-22.19	-7.93	-.871	-23.29	-9.92	-.911	-24.39	-11.90	-.951	-25.50	-13.90
-.832	-22.21	-7.98	-.872	-23.31	-9.97	-.912	-24.42	-11.95	-.952	-25.53	-13.95
-.833	-22.24	-8.03	-.873	-23.34	-10.02	-.913	-24.45	-12.00	-.953	-25.55	-14.00
-.834	-22.27	-8.08	-.874	-23.37	-10.06	-.914	-24.47	-12.05	-.954	-25.58	-14.05
-.835	-22.30	-8.13	-.875	-23.40	-10.11	-.915	-24.50	-12.10	-.955	-25.61	-14.10
-.836	-22.32	-8.18	-.876	-23.42	-10.16	-.916	-24.53	-12.15	-.956	-25.64	-14.15
-.837	-22.35	-8.23	-.877	-23.45	-10.21	-.917	-24.56	-12.20	-.957	-25.66	-14.20
-.838	-22.38	-8.28	-.878	-23.48	-10.26	-.918	-24.58	-12.25	-.958	-25.69	-14.25
-.839	-22.41	-8.33	-.879	-23.51	-10.31	-.919	-24.51	-12.30	-.959	-25.72	-14.30

MV	C	F	MV	C	F	MV	C	F	MV	C	F
-960	-25.75	-14.35	-1.000	-26.86	-16.35	-1.040	-27.97	-18.35	-1.080	-29.09	-20.37
-961	-25.78	-14.40	-1.001	-26.89	-16.40	-1.041	-28.00	-18.40	-1.081	-29.12	-20.42
-962	-25.80	-14.45	-1.002	-26.92	-16.45	-1.042	-28.03	-18.45	-1.082	-29.15	-20.47
-963	-25.83	-14.50	-1.003	-26.94	-16.50	-1.043	-28.06	-18.50	-1.083	-29.18	-20.52
-964	-25.86	-14.55	-1.004	-26.97	-16.55	-1.044	-28.09	-18.56	-1.084	-29.20	-20.57
-965	-25.89	-14.60	-1.005	-27.00	-16.60	-1.045	-28.11	-18.61	-1.085	-29.23	-20.62
-966	-25.91	-14.65	-1.006	-27.03	-16.65	-1.046	-28.14	-18.66	-1.086	-29.26	-20.67
-967	-25.94	-14.70	-1.007	-27.05	-16.70	-1.047	-28.17	-18.71	-1.087	-29.29	-20.72
-968	-25.97	-14.75	-1.008	-27.08	-16.75	-1.048	-28.20	-18.76	-1.088	-29.32	-20.77
-969	-26.00	-14.80	-1.009	-27.11	-16.80	-1.049	-28.23	-18.81	-1.089	-29.35	-20.82
-970	-26.03	-14.85	-1.010	-27.14	-16.85	-1.050	-28.25	-18.86	-1.090	-29.37	-20.87
-971	-26.05	-14.90	-1.011	-27.17	-16.90	-1.051	-28.28	-18.91	-1.091	-29.40	-20.92
-972	-26.08	-14.95	-1.012	-27.19	-16.95	-1.052	-28.31	-18.96	-1.092	-29.43	-20.97
-973	-26.11	-15.00	-1.013	-27.22	-17.00	-1.053	-28.34	-19.01	-1.093	-29.46	-21.02
-974	-26.14	-15.05	-1.014	-27.25	-17.05	-1.054	-28.37	-19.06	-1.094	-29.49	-21.07
-975	-26.16	-15.10	-1.015	-27.28	-17.10	-1.055	-28.39	-19.11	-1.095	-29.51	-21.12
-976	-26.19	-15.15	-1.016	-27.31	-17.15	-1.056	-28.42	-19.16	-1.096	-29.54	-21.17
-977	-26.22	-15.20	-1.017	-27.33	-17.20	-1.057	-28.45	-19.21	-1.097	-29.57	-21.22
-978	-26.25	-15.25	-1.018	-27.36	-17.25	-1.058	-28.48	-19.26	-1.098	-29.60	-21.26
-979	-26.28	-15.30	-1.019	-27.39	-17.30	-1.059	-28.51	-19.31	-1.099	-29.63	-21.33
-980	-26.30	-15.35	-1.020	-27.42	-17.35	-1.060	-28.53	-19.36	-1.100	-29.65	-21.38
-981	-26.33	-15.40	-1.021	-27.44	-17.40	-1.061	-28.56	-19.41	-1.101	-29.68	-21.43
-982	-26.36	-15.45	-1.022	-27.47	-17.45	-1.062	-28.59	-19.46	-1.102	-29.71	-21.48
-983	-26.39	-15.50	-1.023	-27.50	-17.50	-1.063	-28.62	-19.51	-1.103	-29.74	-21.53
-984	-26.41	-15.55	-1.024	-27.53	-17.55	-1.064	-28.65	-19.56	-1.104	-29.77	-21.58
-985	-26.44	-15.60	-1.025	-27.56	-17.60	-1.065	-28.67	-19.61	-1.105	-29.79	-21.63
-986	-26.47	-15.65	-1.026	-27.58	-17.65	-1.066	-28.70	-19.66	-1.106	-29.82	-21.68
-987	-26.50	-15.70	-1.027	-27.61	-17.70	-1.067	-28.73	-19.71	-1.107	-29.85	-21.73
-988	-26.53	-15.75	-1.028	-27.64	-17.75	-1.068	-28.76	-19.76	-1.108	-29.88	-21.78
-989	-26.55	-15.80	-1.029	-27.67	-17.80	-1.069	-28.79	-19.81	-1.109	-29.91	-21.83
-990	-26.58	-15.85	-1.030	-27.70	-17.85	-1.070	-28.81	-19.86	-1.110	-29.93	-21.88
-991	-26.61	-15.90	-1.031	-27.72	-17.90	-1.071	-28.84	-19.91	-1.111	-29.96	-21.93
-992	-26.64	-15.95	-1.032	-27.75	-17.95	-1.072	-28.87	-19.96	-1.112	-29.99	-21.98
-993	-26.66	-16.00	-1.033	-27.78	-18.00	-1.073	-28.90	-20.01	-1.113	-30.02	-22.03
-994	-26.69	-16.05	-1.034	-27.81	-18.05	-1.074	-28.92	-20.06	-1.114	-30.05	-22.08
-995	-26.72	-16.10	-1.035	-27.83	-18.10	-1.075	-28.95	-20.12	-1.115	-30.07	-22.13
-996	-26.75	-16.15	-1.036	-27.86	-18.15	-1.076	-28.98	-20.17	-1.116	-30.10	-22.18
-997	-26.78	-16.20	-1.037	-27.89	-18.20	-1.077	-29.01	-20.22	-1.117	-30.13	-22.24
-998	-26.80	-16.25	-1.038	-27.92	-18.25	-1.078	-29.04	-20.27	-1.118	-30.16	-22.29
-999	-26.93	-16.30	-1.039	-27.95	-18.30	-1.079	-29.06	-20.32	-1.119	-30.19	-22.34

MV	C	F	MV	C	F	MV	C	F	MV	C	F
-1.120	-30.21	-22.39	-1.160	-31.34	-24.41	-1.200	-32.47	-26.44	-1.240	-33.60	-28.48
-1.121	-30.24	-22.44	-1.161	-31.37	-24.46	-1.201	-32.50	-26.50	-1.241	-33.63	-28.53
-1.122	-30.27	-22.49	-1.162	-31.40	-24.51	-1.202	-32.53	-26.55	-1.242	-33.66	-28.59
-1.123	-30.30	-22.54	-1.163	-31.43	-24.56	-1.203	-32.56	-26.60	-1.243	-33.69	-28.64
-1.124	-30.33	-22.59	-1.164	-31.46	-24.62	-1.204	-32.59	-26.65	-1.244	-33.72	-28.69
-1.125	-30.36	-22.64	-1.165	-31.49	-24.67	-1.205	-32.61	-26.70	-1.245	-33.74	-28.74
-1.126	-30.39	-22.69	-1.166	-31.51	-24.72	-1.206	-32.64	-26.75	-1.246	-33.77	-28.79
-1.127	-30.41	-22.74	-1.167	-31.54	-24.77	-1.207	-32.67	-26.80	-1.247	-33.80	-28.84
-1.128	-30.44	-22.79	-1.168	-31.57	-24.82	-1.208	-32.70	-26.85	-1.248	-33.83	-28.89
-1.129	-30.47	-22.84	-1.169	-31.59	-24.87	-1.209	-32.72	-26.90	-1.249	-33.86	-28.94
-1.130	-30.50	-22.89	-1.170	-31.62	-24.92	-1.210	-32.75	-26.95	-1.250	-33.89	-28.99
-1.131	-30.52	-22.94	-1.171	-31.65	-24.97	-1.211	-32.78	-27.00	-1.251	-33.91	-29.05
-1.132	-30.55	-22.99	-1.172	-31.68	-25.02	-1.212	-32.81	-27.06	-1.252	-33.94	-29.10
-1.133	-30.58	-23.04	-1.173	-31.71	-25.07	-1.213	-32.84	-27.11	-1.253	-33.97	-29.15
-1.134	-30.61	-23.10	-1.174	-31.74	-25.12	-1.214	-32.87	-27.16	-1.254	-34.00	-29.20
-1.135	-30.64	-23.15	-1.175	-31.77	-25.17	-1.215	-32.89	-27.21	-1.255	-34.03	-29.25
-1.136	-30.66	-23.20	-1.176	-31.79	-25.22	-1.216	-32.92	-27.26	-1.256	-34.06	-29.30
-1.137	-30.69	-23.25	-1.177	-31.82	-25.28	-1.217	-32.95	-27.31	-1.257	-34.08	-29.35
-1.138	-30.72	-23.30	-1.178	-31.85	-25.33	-1.218	-32.98	-27.36	-1.258	-34.11	-29.40
-1.139	-30.75	-23.35	-1.179	-31.88	-25.38	-1.219	-33.01	-27.41	-1.259	-34.14	-29.45
-1.140	-30.78	-23.40	-1.180	-31.90	-25.43	-1.220	-33.04	-27.46	-1.260	-34.17	-29.51
-1.141	-30.81	-23.45	-1.181	-31.93	-25.48	-1.221	-33.06	-27.51	-1.261	-34.20	-29.56
-1.142	-30.83	-23.50	-1.182	-31.96	-25.53	-1.222	-33.09	-27.57	-1.262	-34.23	-29.61
-1.143	-30.86	-23.55	-1.183	-31.99	-25.58	-1.223	-33.12	-27.62	-1.263	-34.25	-29.66
-1.144	-30.89	-23.60	-1.184	-32.02	-25.63	-1.224	-33.15	-27.67	-1.264	-34.28	-29.71
-1.145	-30.92	-23.65	-1.185	-32.05	-25.68	-1.225	-33.18	-27.72	-1.265	-34.31	-29.76
-1.146	-30.95	-23.70	-1.186	-32.07	-25.73	-1.226	-33.21	-27.77	-1.266	-34.34	-29.81
-1.147	-30.97	-23.75	-1.187	-32.10	-25.78	-1.227	-33.23	-27.82	-1.267	-34.37	-29.86
-1.148	-31.00	-23.80	-1.188	-32.13	-25.83	-1.228	-33.26	-27.87	-1.268	-34.40	-29.91
-1.149	-31.03	-23.85	-1.189	-32.16	-25.89	-1.229	-33.29	-27.92	-1.269	-34.43	-29.97
-1.150	-31.06	-23.91	-1.190	-32.19	-25.94	-1.230	-33.32	-27.97	-1.270	-34.45	-30.02
-1.151	-31.09	-23.96	-1.191	-32.21	-25.99	-1.231	-33.35	-28.02	-1.271	-34.48	-30.07
-1.152	-31.11	-24.01	-1.192	-32.24	-26.04	-1.232	-33.38	-28.08	-1.272	-34.51	-30.12
-1.153	-31.14	-24.06	-1.193	-32.27	-26.09	-1.233	-33.40	-28.13	-1.273	-34.54	-30.17
-1.154	-31.17	-24.11	-1.194	-32.30	-26.14	-1.234	-33.43	-28.18	-1.274	-34.57	-30.22
-1.155	-31.20	-24.16	-1.195	-32.33	-26.19	-1.235	-33.46	-28.23	-1.275	-34.60	-30.27
-1.156	-31.23	-24.21	-1.196	-32.36	-26.24	-1.236	-33.49	-28.28	-1.276	-34.62	-30.32
-1.157	-31.26	-24.26	-1.197	-32.38	-26.29	-1.237	-33.52	-28.33	-1.277	-34.65	-30.38
-1.158	-31.28	-24.31	-1.198	-32.41	-26.34	-1.238	-33.55	-28.38	-1.278	-34.68	-30.43
-1.159	-31.31	-24.36	-1.199	-32.44	-26.39	-1.239	-33.57	-28.43	-1.279	-34.71	-30.48

MV	C	F	MV	C	F	MV	C	F	MV	C	F
-1.280	-34.74	-30.53	-1.320	-35.88	-32.58	-1.360	-37.02	-34.64	-1.400	-38.17	-36.71
-1.281	-34.77	-30.58	-1.321	-35.91	-32.63	-1.361	-37.05	-34.69	-1.401	-38.20	-36.76
-1.282	-34.80	-30.63	-1.322	-35.94	-32.68	-1.362	-37.08	-34.74	-1.402	-38.23	-36.81
-1.283	-34.82	-30.68	-1.323	-35.96	-32.73	-1.363	-37.11	-34.79	-1.403	-38.26	-36.86
-1.284	-34.85	-30.73	-1.324	-35.99	-32.78	-1.364	-37.14	-34.85	-1.404	-38.28	-36.91
-1.285	-34.88	-30.78	-1.325	-36.02	-32.83	-1.365	-37.17	-34.90	-1.405	-38.31	-36.96
-1.286	-34.91	-30.83	-1.326	-36.05	-32.88	-1.366	-37.19	-34.95	-1.406	-38.34	-37.02
-1.287	-34.94	-30.88	-1.327	-36.08	-32.93	-1.367	-37.22	-35.00	-1.407	-38.37	-37.07
-1.288	-34.97	-30.93	-1.328	-36.11	-32.98	-1.368	-37.25	-35.05	-1.408	-38.40	-37.12
-1.289	-34.99	-30.99	-1.329	-36.14	-33.04	-1.369	-37.28	-35.10	-1.409	-38.43	-37.17
-1.290	-35.02	-31.04	-1.330	-36.16	-33.09	-1.370	-37.31	-35.16	-1.410	-38.46	-37.22
-1.291	-35.05	-31.09	-1.331	-36.19	-33.15	-1.371	-37.34	-35.21	-1.411	-38.49	-37.27
-1.292	-35.08	-31.14	-1.332	-36.22	-33.20	-1.372	-37.37	-35.26	-1.412	-38.51	-37.33
-1.293	-35.11	-31.20	-1.333	-36.25	-33.25	-1.373	-37.39	-35.31	-1.413	-38.54	-37.38
-1.294	-35.14	-31.25	-1.334	-36.28	-33.30	-1.374	-37.42	-35.36	-1.414	-38.57	-37.43
-1.295	-35.17	-31.30	-1.335	-36.31	-33.35	-1.375	-37.45	-35.41	-1.415	-38.60	-37.48
-1.296	-35.19	-31.35	-1.336	-36.34	-33.40	-1.376	-37.48	-35.47	-1.416	-38.63	-37.53
-1.297	-35.22	-31.40	-1.337	-36.36	-33.46	-1.377	-37.51	-35.52	-1.417	-38.66	-37.59
-1.298	-35.25	-31.45	-1.338	-36.39	-33.51	-1.378	-37.54	-35.57	-1.418	-38.69	-37.64
-1.299	-35.28	-31.50	-1.339	-36.42	-33.56	-1.379	-37.57	-35.62	-1.419	-38.72	-37.69
-1.300	-35.31	-31.55	-1.340	-36.45	-33.61	-1.380	-37.60	-35.67	-1.420	-38.74	-37.74
-1.301	-35.34	-31.61	-1.341	-36.48	-33.66	-1.381	-37.62	-35.72	-1.421	-38.77	-37.79
-1.302	-35.36	-31.66	-1.342	-36.51	-33.71	-1.382	-37.65	-35.77	-1.422	-38.80	-37.84
-1.303	-35.39	-31.71	-1.343	-36.54	-33.76	-1.383	-37.68	-35.83	-1.423	-38.83	-37.90
-1.304	-35.42	-31.76	-1.344	-36.56	-33.82	-1.384	-37.71	-35.88	-1.424	-38.86	-37.95
-1.305	-35.45	-31.81	-1.345	-36.59	-33.87	-1.385	-37.74	-35.93	-1.425	-38.89	-38.00
-1.306	-35.48	-31.86	-1.346	-36.62	-33.92	-1.386	-37.77	-35.98	-1.426	-38.92	-38.05
-1.307	-35.51	-31.91	-1.347	-36.65	-33.97	-1.387	-37.80	-36.03	-1.427	-38.95	-38.10
-1.308	-35.54	-31.96	-1.348	-36.68	-34.02	-1.388	-37.82	-36.08	-1.428	-38.98	-38.16
-1.309	-35.56	-32.02	-1.349	-36.71	-34.07	-1.389	-37.85	-36.14	-1.429	-39.00	-38.21
-1.310	-35.59	-32.07	-1.350	-36.74	-34.12	-1.390	-37.88	-36.19	-1.430	-39.03	-38.26
-1.311	-35.62	-32.12	-1.351	-36.76	-34.18	-1.391	-37.91	-36.24	-1.431	-39.06	-38.31
-1.312	-35.65	-32.17	-1.352	-36.79	-34.23	-1.392	-37.94	-36.29	-1.432	-39.09	-38.36
-1.313	-35.68	-32.22	-1.353	-36.82	-34.28	-1.393	-37.97	-36.34	-1.433	-39.12	-38.41
-1.314	-35.71	-32.27	-1.354	-36.85	-34.33	-1.394	-38.00	-36.39	-1.434	-39.15	-38.47
-1.315	-35.74	-32.32	-1.355	-36.88	-34.38	-1.395	-38.03	-36.45	-1.435	-39.18	-38.52
-1.316	-35.76	-32.38	-1.356	-36.91	-34.43	-1.396	-38.05	-36.50	-1.436	-39.21	-38.57
-1.317	-35.79	-32.43	-1.357	-36.94	-34.49	-1.397	-38.08	-36.55	-1.437	-39.23	-38.62
-1.318	-35.82	-32.48	-1.358	-36.96	-34.54	-1.398	-38.11	-36.60	-1.438	-39.26	-38.67
-1.319	-35.85	-32.53	-1.359	-36.99	-34.59	-1.399	-38.14	-36.65	-1.439	-39.29	-38.73

MV	C	F	MV	C	F	MV	C	F	MV	C	F
-1.600	-43.97	-47.14	-1.640	-45.14	-49.25	-1.680	-46.31	-51.36	-1.720	-47.49	-53.49
-1.601	-44.00	-47.19	-1.641	-45.17	-49.30	-1.681	-46.34	-51.42	-1.721	-47.52	-53.54
-1.602	-44.02	-47.24	-1.642	-45.20	-49.35	-1.682	-46.37	-51.47	-1.722	-47.55	-53.59
-1.603	-44.05	-47.30	-1.643	-45.23	-49.41	-1.683	-46.40	-51.52	-1.723	-47.58	-53.65
-1.604	-44.08	-47.35	-1.644	-45.25	-49.46	-1.684	-46.43	-51.56	-1.724	-47.61	-53.70
-1.605	-44.11	-47.40	-1.645	-45.28	-49.51	-1.685	-46.46	-51.61	-1.725	-47.64	-53.75
-1.606	-44.14	-47.45	-1.646	-45.31	-49.56	-1.686	-46.49	-51.66	-1.726	-47.67	-53.81
-1.607	-44.17	-47.51	-1.647	-45.34	-49.62	-1.687	-46.52	-51.71	-1.727	-47.70	-53.86
-1.608	-44.20	-47.56	-1.648	-45.37	-49.67	-1.688	-46.55	-51.76	-1.728	-47.73	-53.91
-1.609	-44.23	-47.61	-1.649	-45.40	-49.72	-1.689	-46.58	-51.81	-1.729	-47.76	-53.97
-1.610	-44.26	-47.67	-1.650	-45.43	-49.78	-1.690	-46.61	-51.86	-1.730	-47.79	-54.02
-1.611	-44.29	-47.72	-1.651	-45.46	-49.83	-1.691	-46.64	-51.91	-1.731	-47.82	-54.07
-1.612	-44.32	-47.77	-1.652	-45.49	-49.88	-1.692	-46.67	-51.96	-1.732	-47.85	-54.13
-1.613	-44.35	-47.82	-1.653	-45.52	-49.93	-1.693	-46.70	-52.01	-1.733	-47.88	-54.18
-1.614	-44.38	-47.88	-1.654	-45.55	-49.99	-1.694	-46.73	-52.06	-1.734	-47.91	-54.23
-1.615	-44.40	-47.93	-1.655	-45.58	-50.04	-1.695	-46.76	-52.11	-1.735	-47.94	-54.29
-1.616	-44.43	-47.98	-1.656	-45.61	-50.09	-1.696	-46.79	-52.16	-1.736	-47.97	-54.34
-1.617	-44.46	-48.03	-1.657	-45.64	-50.15	-1.697	-46.81	-52.21	-1.737	-48.00	-54.39
-1.618	-44.49	-48.09	-1.658	-45.67	-50.20	-1.698	-46.84	-52.26	-1.738	-48.03	-54.45
-1.619	-44.52	-48.14	-1.659	-45.70	-50.25	-1.699	-46.87	-52.31	-1.739	-48.06	-54.50
-1.620	-44.55	-48.19	-1.660	-45.72	-50.30	-1.700	-46.90	-52.36	-1.740	-48.09	-54.55
-1.621	-44.58	-48.25	-1.661	-45.75	-50.36	-1.701	-46.93	-52.41	-1.741	-48.11	-54.61
-1.622	-44.61	-48.30	-1.662	-45.78	-50.41	-1.702	-46.96	-52.46	-1.742	-48.14	-54.66
-1.623	-44.64	-48.35	-1.663	-45.81	-50.46	-1.703	-46.99	-52.51	-1.743	-48.17	-54.71
-1.624	-44.67	-48.40	-1.664	-45.84	-50.52	-1.704	-47.02	-52.56	-1.744	-48.20	-54.77
-1.625	-44.70	-48.46	-1.665	-45.87	-50.57	-1.705	-47.05	-52.61	-1.745	-48.23	-54.82
-1.626	-44.73	-48.51	-1.666	-45.90	-50.62	-1.706	-47.08	-52.66	-1.746	-48.26	-54.87
-1.627	-44.76	-48.56	-1.667	-45.93	-50.68	-1.707	-47.11	-52.71	-1.747	-48.29	-54.92
-1.628	-44.79	-48.61	-1.668	-45.96	-50.73	-1.708	-47.14	-52.76	-1.748	-48.32	-54.98
-1.629	-44.81	-48.67	-1.669	-45.99	-50.78	-1.709	-47.17	-52.81	-1.749	-48.35	-55.03
-1.630	-44.84	-48.72	-1.670	-46.02	-50.83	-1.710	-47.20	-52.86	-1.750	-48.38	-55.08
-1.631	-44.87	-48.77	-1.671	-46.05	-50.89	-1.711	-47.23	-52.91	-1.751	-48.41	-55.14
-1.632	-44.90	-48.83	-1.672	-46.08	-50.94	-1.712	-47.26	-52.96	-1.752	-48.44	-55.19
-1.633	-44.93	-48.88	-1.673	-46.11	-50.99	-1.713	-47.29	-53.01	-1.753	-48.47	-55.24
-1.634	-44.96	-48.93	-1.674	-46.14	-51.05	-1.714	-47.32	-53.06	-1.754	-48.50	-55.30
-1.635	-44.99	-48.98	-1.675	-46.17	-51.10	-1.715	-47.35	-53.11	-1.755	-48.53	-55.35
-1.636	-45.02	-49.04	-1.676	-46.20	-51.15	-1.716	-47.37	-53.16	-1.756	-48.56	-55.40
-1.637	-45.05	-49.09	-1.677	-46.22	-51.20	-1.717	-47.40	-53.21	-1.757	-48.59	-55.46
-1.638	-45.08	-49.14	-1.678	-46.25	-51.26	-1.718	-47.43	-53.26	-1.758	-48.62	-55.51
-1.639	-45.11	-49.19	-1.679	-46.28	-51.31	-1.719	-47.46	-53.31	-1.759	-48.65	-55.57

MV	C	F	MV	C	F	MV	C	F	MV	C	F
-1.920	-53.46	-64.22	-1.960	-54.66	-66.39	-2.000	-55.87	-68.57	-2.040	-57.09	-70.76
-1.921	-53.49	-64.28	-1.961	-54.69	-66.45	-2.001	-55.90	-68.63	-2.041	-57.12	-70.82
-1.922	-53.52	-64.33	-1.962	-54.72	-66.50	-2.002	-55.94	-68.68	-2.042	-57.15	-70.87
-1.923	-53.55	-64.39	-1.963	-54.75	-66.56	-2.003	-55.97	-68.74	-2.043	-57.18	-70.93
-1.924	-53.58	-64.44	-1.964	-54.78	-66.61	-2.004	-56.00	-68.79	-2.044	-57.21	-70.98
-1.925	-53.61	-64.49	-1.965	-54.81	-66.67	-2.005	-56.03	-68.85	-2.045	-57.24	-71.04
-1.926	-53.64	-64.55	-1.966	-54.84	-66.72	-2.006	-56.06	-68.90	-2.046	-57.27	-71.09
-1.927	-53.67	-64.60	-1.967	-54.87	-66.77	-2.007	-56.09	-68.96	-2.047	-57.30	-71.15
-1.928	-53.70	-64.66	-1.968	-54.91	-66.83	-2.008	-56.12	-69.01	-2.048	-57.33	-71.20
-1.929	-53.73	-64.71	-1.969	-54.94	-66.88	-2.009	-56.15	-69.07	-2.049	-57.36	-71.26
-1.930	-53.76	-64.76	-1.970	-54.97	-66.94	-2.010	-56.18	-69.12	-2.050	-57.39	-71.31
-1.931	-53.79	-64.82	-1.971	-55.00	-66.99	-2.011	-56.21	-69.17	-2.051	-57.43	-71.37
-1.932	-53.82	-64.87	-1.972	-55.03	-67.05	-2.012	-56.24	-69.23	-2.052	-57.46	-71.42
-1.933	-53.85	-64.93	-1.973	-55.06	-67.10	-2.013	-56.27	-69.28	-2.053	-57.49	-71.48
-1.934	-53.88	-64.98	-1.974	-55.09	-67.16	-2.014	-56.30	-69.34	-2.054	-57.52	-71.53
-1.935	-53.91	-65.04	-1.975	-55.12	-67.21	-2.015	-56.33	-69.39	-2.055	-57.55	-71.58
-1.936	-53.94	-65.09	-1.976	-55.15	-67.26	-2.016	-56.36	-69.45	-2.056	-57.58	-71.64
-1.937	-53.97	-65.14	-1.977	-55.18	-67.32	-2.017	-56.39	-69.50	-2.057	-57.61	-71.69
-1.938	-54.00	-65.20	-1.978	-55.21	-67.37	-2.018	-56.42	-69.56	-2.058	-57.64	-71.75
-1.939	-54.03	-65.25	-1.979	-55.24	-67.43	-2.019	-56.45	-69.61	-2.059	-57.67	-71.80
-1.940	-54.06	-65.31	-1.980	-55.27	-67.48	-2.020	-56.48	-69.67	-2.060	-57.70	-71.86
-1.941	-54.09	-65.36	-1.981	-55.30	-67.54	-2.021	-56.51	-69.72	-2.061	-57.73	-71.91
-1.942	-54.12	-65.42	-1.982	-55.33	-67.59	-2.022	-56.54	-69.78	-2.062	-57.76	-71.97
-1.943	-54.15	-65.47	-1.983	-55.36	-67.65	-2.023	-56.57	-69.83	-2.063	-57.79	-72.02
-1.944	-54.18	-65.52	-1.984	-55.39	-67.70	-2.024	-56.60	-69.89	-2.064	-57.82	-72.08
-1.945	-54.21	-65.58	-1.985	-55.42	-67.76	-2.025	-56.63	-69.94	-2.065	-57.85	-72.13
-1.946	-54.24	-65.63	-1.986	-55.45	-67.81	-2.026	-56.66	-70.00	-2.066	-57.88	-72.19
-1.947	-54.27	-65.69	-1.987	-55.48	-67.86	-2.027	-56.69	-70.05	-2.067	-57.91	-72.24
-1.948	-54.30	-65.74	-1.988	-55.51	-67.92	-2.028	-56.72	-70.10	-2.068	-57.94	-72.30
-1.949	-54.33	-65.80	-1.989	-55.54	-67.97	-2.029	-56.76	-70.16	-2.069	-57.97	-72.35
-1.950	-54.36	-65.85	-1.990	-55.57	-68.03	-2.030	-56.79	-70.21	-2.070	-58.00	-72.41
-1.951	-54.39	-65.90	-1.991	-55.60	-68.08	-2.031	-56.82	-70.27	-2.071	-58.04	-72.46
-1.952	-54.42	-65.96	-1.992	-55.63	-68.14	-2.032	-56.85	-70.32	-2.072	-58.07	-72.52
-1.953	-54.45	-66.01	-1.993	-55.66	-68.19	-2.033	-56.88	-70.38	-2.073	-58.10	-72.57
-1.954	-54.48	-66.07	-1.994	-55.69	-68.25	-2.034	-56.91	-70.43	-2.074	-58.13	-72.63
-1.955	-54.51	-66.12	-1.995	-55.72	-68.30	-2.035	-56.94	-70.49	-2.075	-58.16	-72.68
-1.956	-54.54	-66.18	-1.996	-55.75	-68.36	-2.036	-56.97	-70.54	-2.076	-58.19	-72.74
-1.957	-54.57	-66.23	-1.997	-55.78	-68.41	-2.037	-57.00	-70.60	-2.077	-58.22	-72.79
-1.958	-54.60	-66.29	-1.998	-55.81	-68.46	-2.038	-57.03	-70.65	-2.078	-58.25	-72.85
-1.959	-54.63	-66.34	-1.999	-55.84	-68.52	-2.039	-57.06	-70.71	-2.079	-58.28	-72.90

MV	C	F	MV	C	F	MV	C	F	MV	C	F
-2.240	-63.24	-81.83	-2.280	-64.49	-84.08	-2.320	-65.74	-86.33	-2.360	-66.99	-88.59
-2.241	-63.27	-81.89	-2.281	-64.52	-84.13	-2.321	-65.77	-86.38	-2.361	-67.03	-88.65
-2.242	-63.30	-81.95	-2.282	-64.55	-84.19	-2.322	-65.80	-86.44	-2.362	-67.06	-88.70
-2.243	-63.33	-82.00	-2.283	-64.58	-84.24	-2.323	-65.83	-86.50	-2.363	-67.09	-88.76
-2.244	-63.37	-82.06	-2.284	-64.61	-84.30	-2.324	-65.86	-86.55	-2.364	-67.12	-88.81
-2.245	-63.40	-82.11	-2.285	-64.64	-84.36	-2.325	-65.89	-86.61	-2.365	-67.15	-88.87
-2.246	-63.43	-82.17	-2.286	-64.67	-84.41	-2.326	-65.93	-86.67	-2.366	-67.18	-88.93
-2.247	-63.46	-82.23	-2.287	-64.71	-84.47	-2.327	-65.96	-86.72	-2.367	-67.21	-88.98
-2.248	-63.49	-82.28	-2.288	-64.74	-84.53	-2.328	-65.99	-86.78	-2.368	-67.25	-89.04
-2.249	-63.52	-82.34	-2.289	-64.77	-84.58	-2.329	-66.02	-86.84	-2.369	-67.28	-89.10
-2.250	-63.55	-82.39	-2.290	-64.80	-84.64	-2.330	-66.05	-86.89	-2.370	-67.31	-89.16
-2.251	-63.58	-82.45	-2.291	-64.83	-84.69	-2.331	-66.08	-86.95	-2.371	-67.34	-89.21
-2.252	-63.51	-82.51	-2.292	-64.86	-84.75	-2.332	-66.11	-87.00	-2.372	-67.37	-89.27
-2.253	-63.55	-82.56	-2.293	-64.89	-84.81	-2.333	-66.15	-87.06	-2.373	-67.40	-89.33
-2.254	-63.58	-82.62	-2.294	-64.92	-84.86	-2.334	-66.18	-87.12	-2.374	-67.43	-89.38
-2.255	-63.71	-82.67	-2.295	-64.96	-84.92	-2.335	-66.21	-87.17	-2.375	-67.47	-89.44
-2.256	-63.74	-82.73	-2.296	-64.99	-84.98	-2.336	-66.24	-87.23	-2.376	-67.50	-89.50
-2.257	-63.77	-82.79	-2.297	-65.02	-85.03	-2.337	-66.27	-87.29	-2.377	-67.53	-89.55
-2.258	-63.90	-82.84	-2.298	-65.05	-85.09	-2.338	-66.30	-87.34	-2.378	-67.56	-89.61
-2.259	-63.83	-82.90	-2.299	-65.08	-85.14	-2.339	-66.33	-87.40	-2.379	-67.59	-89.67
-2.260	-63.96	-82.95	-2.300	-65.11	-85.20	-2.340	-66.36	-87.46	-2.380	-67.62	-89.72
-2.261	-63.89	-83.01	-2.301	-65.14	-85.26	-2.341	-66.40	-87.51	-2.381	-67.66	-89.78
-2.262	-63.93	-83.07	-2.302	-65.17	-85.31	-2.342	-66.43	-87.57	-2.382	-67.69	-89.84
-2.263	-63.96	-83.12	-2.303	-65.21	-85.37	-2.343	-66.46	-87.63	-2.383	-67.72	-89.89
-2.264	-63.99	-83.18	-2.304	-65.24	-85.43	-2.344	-66.49	-87.68	-2.384	-67.75	-89.95
-2.265	-64.02	-83.23	-2.305	-65.27	-85.48	-2.345	-66.52	-87.74	-2.385	-67.78	-90.01
-2.266	-64.05	-83.29	-2.306	-65.30	-85.54	-2.346	-66.55	-87.80	-2.386	-67.81	-90.06
-2.267	-64.08	-83.35	-2.307	-65.33	-85.59	-2.347	-66.58	-87.85	-2.387	-67.84	-90.12
-2.268	-64.11	-83.40	-2.308	-65.36	-85.65	-2.348	-66.62	-87.91	-2.388	-67.88	-90.18
-2.269	-64.14	-83.46	-2.309	-65.39	-85.71	-2.349	-66.65	-87.97	-2.389	-67.91	-90.23
-2.270	-64.18	-83.52	-2.310	-65.42	-85.76	-2.350	-66.68	-88.02	-2.390	-67.94	-90.29
-2.271	-64.21	-83.57	-2.311	-65.46	-85.82	-2.351	-66.71	-88.08	-2.391	-67.97	-90.35
-2.272	-64.24	-83.63	-2.312	-65.49	-85.88	-2.352	-66.74	-88.14	-2.392	-68.00	-90.40
-2.273	-64.27	-83.68	-2.313	-65.52	-85.93	-2.353	-66.77	-88.19	-2.393	-68.03	-90.46
-2.274	-64.30	-83.74	-2.314	-65.55	-85.99	-2.354	-66.80	-88.25	-2.394	-68.07	-90.52
-2.275	-64.33	-83.80	-2.315	-65.58	-86.05	-2.355	-66.84	-88.31	-2.395	-68.10	-90.57
-2.276	-64.36	-83.85	-2.316	-65.61	-86.10	-2.356	-66.87	-88.36	-2.396	-68.13	-90.63
-2.277	-64.39	-83.91	-2.317	-65.64	-86.16	-2.357	-66.90	-88.42	-2.397	-68.16	-90.69
-2.278	-64.42	-83.96	-2.318	-65.67	-86.21	-2.358	-66.93	-88.48	-2.398	-68.19	-90.75
-2.279	-64.46	-84.02	-2.319	-65.71	-86.27	-2.359	-66.96	-88.53	-2.399	-68.22	-90.80

MV	C	F	MV	C	F	MV	C	F	MV	C	F	MV	C	F
-2.400	-68.25	-90.86	-2.440	-69.52	-93.14	-2.480	-70.79	-95.43	-2.520	-72.07	-97.73	-2.530	-72.39	-98.31
-2.401	-68.29	-90.92	-2.441	-69.55	-93.20	-2.481	-70.83	-95.49	-2.521	-72.10	-97.79	-2.531	-72.42	-98.36
-2.402	-68.32	-90.97	-2.442	-69.59	-93.25	-2.482	-70.86	-95.54	-2.522	-72.14	-97.85	-2.532	-72.46	-98.42
-2.403	-68.35	-91.03	-2.443	-69.62	-93.31	-2.483	-70.89	-95.60	-2.523	-72.17	-97.90	-2.533	-72.49	-98.48
-2.404	-68.38	-91.09	-2.444	-69.65	-93.37	-2.484	-70.92	-95.66	-2.524	-72.20	-97.96	-2.534	-72.52	-98.54
-2.405	-68.41	-91.14	-2.445	-69.68	-93.42	-2.485	-70.95	-95.72	-2.525	-72.23	-98.02	-2.535	-72.55	-98.60
-2.406	-68.44	-91.20	-2.446	-69.71	-93.48	-2.486	-70.99	-95.77	-2.526	-72.26	-98.08	-2.536	-72.58	-98.65
-2.407	-68.48	-91.26	-2.447	-69.74	-93.54	-2.487	-71.02	-95.83	-2.527	-72.30	-98.13	-2.537	-72.62	-98.71
-2.408	-68.51	-91.31	-2.448	-69.78	-93.60	-2.488	-71.05	-95.89	-2.528	-72.33	-98.19	-2.538	-72.65	-98.77
-2.409	-68.54	-91.37	-2.449	-69.81	-93.65	-2.489	-71.08	-95.95	-2.529	-72.36	-98.25	-2.539	-72.68	-98.83
-2.410	-68.57	-91.43	-2.450	-69.84	-93.71	-2.490	-71.11	-96.00	-2.530	-72.39	-98.31	-2.540	-72.71	-98.88
-2.411	-68.50	-91.48	-2.451	-69.87	-93.77	-2.491	-71.14	-96.06	-2.531	-72.42	-98.36	-2.541	-72.75	-98.94
-2.412	-68.53	-91.54	-2.452	-69.90	-93.83	-2.492	-71.18	-96.12	-2.532	-72.46	-98.42	-2.542	-72.78	-99.00
-2.413	-68.57	-91.60	-2.453	-69.93	-93.88	-2.493	-71.21	-96.18	-2.533	-72.49	-98.48	-2.543	-72.81	-99.06
-2.414	-68.60	-91.66	-2.454	-69.97	-93.94	-2.494	-71.24	-96.23	-2.534	-72.52	-98.54	-2.544	-72.84	-99.11
-2.415	-68.63	-91.71	-2.455	-70.00	-94.00	-2.495	-71.27	-96.29	-2.535	-72.55	-98.60	-2.545	-72.87	-99.17
-2.416	-68.76	-91.77	-2.456	-70.03	-94.05	-2.496	-71.30	-96.35	-2.536	-72.58	-98.65	-2.546	-72.91	-99.23
-2.417	-68.79	-91.83	-2.457	-70.06	-94.11	-2.497	-71.34	-96.41	-2.537	-72.62	-98.71	-2.547	-72.94	-99.29
-2.418	-68.82	-91.88	-2.458	-70.09	-94.17	-2.498	-71.37	-96.46	-2.538	-72.65	-98.77	-2.548	-72.97	-99.35
-2.419	-68.86	-91.94	-2.459	-70.13	-94.23	-2.499	-71.40	-96.52	-2.539	-72.68	-98.83	-2.549	-73.00	-99.40
-2.420	-68.89	-92.00	-2.460	-70.16	-94.28	-2.500	-71.43	-96.58	-2.540	-72.71	-98.88	-2.550	-73.03	-99.46
-2.421	-68.92	-92.05	-2.461	-70.19	-94.34	-2.501	-71.46	-96.64	-2.541	-72.75	-98.94	-2.551	-73.07	-99.52
-2.422	-68.95	-92.11	-2.462	-70.22	-94.40	-2.502	-71.50	-96.69	-2.542	-72.78	-99.00	-2.552	-73.10	-99.58
-2.423	-68.98	-92.17	-2.463	-70.25	-94.45	-2.503	-71.53	-96.75	-2.543	-72.81	-99.06	-2.553	-73.13	-99.64
-2.424	-69.01	-92.23	-2.464	-70.28	-94.51	-2.504	-71.56	-96.81	-2.544	-72.84	-99.11	-2.554	-73.16	-99.69
-2.425	-69.05	-92.28	-2.465	-70.32	-94.57	-2.505	-71.59	-96.87	-2.545	-72.87	-99.17	-2.555	-73.20	-99.75
-2.426	-69.08	-92.34	-2.466	-70.35	-94.63	-2.506	-71.62	-96.92	-2.546	-72.91	-99.23	-2.556	-73.23	-99.81
-2.427	-69.11	-92.40	-2.467	-70.38	-94.68	-2.507	-71.66	-96.98	-2.547	-72.94	-99.29	-2.557	-73.26	-99.87
-2.428	-69.14	-92.45	-2.468	-70.41	-94.74	-2.508	-71.69	-97.04	-2.548	-72.97	-99.35	-2.558	-73.29	-99.92
-2.429	-69.17	-92.51	-2.469	-70.44	-94.80	-2.509	-71.72	-97.10	-2.549	-73.00	-99.40	-2.559	-73.32	-99.98
-2.430	-69.20	-92.57	-2.470	-70.48	-94.86	-2.510	-71.75	-97.15	-2.550	-73.03	-99.46	-2.551	-73.35	-99.52
-2.431	-69.24	-92.63	-2.471	-70.51	-94.91	-2.511	-71.78	-97.21	-2.551	-73.07	-99.52	-2.552	-73.38	-99.58
-2.432	-69.27	-92.68	-2.472	-70.54	-94.97	-2.512	-71.82	-97.27	-2.552	-73.10	-99.58	-2.553	-73.41	-99.64
-2.433	-69.30	-92.74	-2.473	-70.57	-95.03	-2.513	-71.85	-97.33	-2.553	-73.13	-99.64	-2.554	-73.44	-99.69
-2.434	-69.33	-92.80	-2.474	-70.60	-95.09	-2.514	-71.88	-97.38	-2.554	-73.16	-99.69	-2.555	-73.47	-99.75
-2.435	-69.36	-92.85	-2.475	-70.63	-95.14	-2.515	-71.91	-97.44	-2.555	-73.20	-99.75	-2.556	-73.50	-99.81
-2.436	-69.39	-92.91	-2.476	-70.67	-95.20	-2.516	-71.94	-97.50	-2.556	-73.23	-99.81	-2.557	-73.53	-99.87
-2.437	-69.43	-92.97	-2.477	-70.70	-95.26	-2.517	-71.98	-97.56	-2.557	-73.26	-99.87	-2.558	-73.56	-99.92
-2.438	-69.46	-93.02	-2.478	-70.73	-95.31	-2.518	-72.01	-97.61	-2.558	-73.29	-99.92	-2.559	-73.59	-99.98
-2.439	-69.49	-93.08	-2.479	-70.76	-95.37	-2.519	-72.04	-97.67	-2.559	-73.32	-99.98			

MV	C	F	MV	C	F	MV	C	F	MV	C	F
-2.560	-73.36	-100.04	-2.600	-74.65	-102.36	-2.640	-75.34	-104.69	-2.680	-77.24	-107.04
-2.561	-73.39	-100.10	-2.601	-74.68	-102.42	-2.641	-75.37	-104.75	-2.681	-77.28	-107.10
-2.562	-73.42	-100.16	-2.602	-74.71	-102.48	-2.642	-75.40	-104.81	-2.682	-77.31	-107.15
-2.563	-73.45	-100.21	-2.603	-74.74	-102.54	-2.643	-75.43	-104.87	-2.683	-77.34	-107.21
-2.564	-73.48	-100.27	-2.604	-74.77	-102.59	-2.644	-75.46	-104.93	-2.684	-77.37	-107.27
-2.565	-73.52	-100.33	-2.605	-74.81	-102.65	-2.645	-75.49	-104.99	-2.685	-77.41	-107.33
-2.566	-73.55	-100.39	-2.606	-74.84	-102.71	-2.646	-75.52	-105.04	-2.686	-77.44	-107.39
-2.567	-73.58	-100.45	-2.607	-74.87	-102.77	-2.647	-75.55	-105.10	-2.687	-77.47	-107.45
-2.568	-73.61	-100.50	-2.608	-74.90	-102.83	-2.648	-75.58	-105.16	-2.688	-77.50	-107.51
-2.569	-73.65	-100.56	-2.609	-74.94	-102.89	-2.649	-75.61	-105.22	-2.689	-77.54	-107.57
-2.570	-73.68	-100.62	-2.610	-74.97	-102.94	-2.650	-75.64	-105.28	-2.690	-77.57	-107.62
-2.571	-73.71	-100.68	-2.611	-75.00	-103.00	-2.651	-75.67	-105.34	-2.691	-77.60	-107.68
-2.572	-73.74	-100.74	-2.612	-75.03	-103.06	-2.652	-75.70	-105.40	-2.692	-77.63	-107.74
-2.573	-73.77	-100.79	-2.613	-75.07	-103.12	-2.653	-75.73	-105.45	-2.693	-77.67	-107.80
-2.574	-73.81	-100.85	-2.614	-75.10	-103.18	-2.654	-75.76	-105.51	-2.694	-77.70	-107.86
-2.575	-73.84	-100.91	-2.615	-75.13	-103.23	-2.655	-75.79	-105.57	-2.695	-77.73	-107.92
-2.576	-73.87	-100.97	-2.616	-75.16	-103.29	-2.656	-75.82	-105.63	-2.696	-77.76	-107.98
-2.577	-73.90	-101.03	-2.617	-75.20	-103.35	-2.657	-75.85	-105.69	-2.697	-77.80	-108.04
-2.578	-73.94	-101.08	-2.618	-75.23	-103.41	-2.658	-75.88	-105.75	-2.698	-77.83	-108.09
-2.579	-73.97	-101.14	-2.619	-75.26	-103.47	-2.659	-75.91	-105.81	-2.699	-77.86	-108.15
-2.580	-74.00	-101.20	-2.620	-75.29	-103.53	-2.660	-75.94	-105.86	-2.700	-77.90	-108.21
-2.581	-74.03	-101.26	-2.621	-75.32	-103.58	-2.661	-75.97	-105.92	-2.701	-77.93	-108.27
-2.582	-74.06	-101.32	-2.622	-75.36	-103.64	-2.662	-76.00	-105.98	-2.702	-77.96	-108.33
-2.583	-74.10	-101.37	-2.623	-75.39	-103.70	-2.663	-76.03	-106.04	-2.703	-77.99	-108.39
-2.584	-74.13	-101.43	-2.624	-75.42	-103.76	-2.664	-76.06	-106.10	-2.704	-78.03	-108.45
-2.585	-74.16	-101.49	-2.625	-75.45	-103.82	-2.665	-76.09	-106.16	-2.705	-78.06	-108.51
-2.586	-74.19	-101.55	-2.626	-75.49	-103.88	-2.666	-76.12	-106.22	-2.706	-78.09	-108.57
-2.587	-74.23	-101.61	-2.627	-75.52	-103.93	-2.667	-76.15	-106.27	-2.707	-78.12	-108.62
-2.588	-74.26	-101.66	-2.628	-75.55	-103.99	-2.668	-76.18	-106.33	-2.708	-78.16	-108.68
-2.589	-74.29	-101.72	-2.629	-75.58	-104.05	-2.669	-76.21	-106.39	-2.709	-78.19	-108.74
-2.590	-74.32	-101.78	-2.630	-75.62	-104.11	-2.670	-76.24	-106.45	-2.710	-78.22	-108.80
-2.591	-74.35	-101.84	-2.631	-75.65	-104.17	-2.671	-76.27	-106.51	-2.711	-78.26	-108.86
-2.592	-74.39	-101.90	-2.632	-75.68	-104.23	-2.672	-76.30	-106.57	-2.712	-78.29	-108.92
-2.593	-74.42	-101.95	-2.633	-75.71	-104.28	-2.673	-76.33	-106.63	-2.713	-78.32	-108.98
-2.594	-74.45	-102.01	-2.634	-75.75	-104.34	-2.674	-76.36	-106.68	-2.714	-78.35	-109.04
-2.595	-74.48	-102.07	-2.635	-75.78	-104.40	-2.675	-76.39	-106.74	-2.715	-78.39	-109.10
-2.596	-74.52	-102.13	-2.636	-75.81	-104.46	-2.676	-76.42	-106.80	-2.716	-78.42	-109.15
-2.597	-74.55	-102.19	-2.637	-75.84	-104.52	-2.677	-76.45	-106.86	-2.717	-78.45	-109.21
-2.598	-74.58	-102.25	-2.638	-75.88	-104.58	-2.678	-76.48	-106.92	-2.718	-78.48	-109.27
-2.599	-74.61	-102.30	-2.639	-75.91	-104.64	-2.679	-76.51	-106.98	-2.719	-78.52	-109.33

MV	C	F	MV	C	F	MV	C	F	MV	C	F
-2.880	-83.94	-118.92	-2.920	-85.18	-121.33	-2.960	-86.53	-123.76	-3.000	-87.88	-126.19
-2.881	-83.96	-118.96	-2.921	-85.22	-121.39	-2.961	-86.56	-123.82	-3.001	-87.92	-126.25
-2.882	-83.91	-119.04	-2.922	-85.25	-121.45	-2.962	-86.60	-123.88	-3.002	-87.95	-126.31
-2.883	-83.94	-119.10	-2.923	-85.29	-121.51	-2.963	-86.63	-123.94	-3.003	-87.99	-126.36
-2.884	-83.96	-119.16	-2.924	-85.32	-121.57	-2.964	-86.67	-124.00	-3.004	-88.02	-126.44
-2.885	-84.01	-119.22	-2.925	-85.35	-121.63	-2.965	-86.70	-124.06	-3.005	-88.05	-126.50
-2.886	-84.04	-119.28	-2.926	-85.39	-121.69	-2.966	-86.73	-124.12	-3.006	-88.09	-126.56
-2.887	-84.08	-119.34	-2.927	-85.42	-121.76	-2.967	-86.77	-124.18	-3.007	-88.12	-126.62
-2.888	-84.11	-119.40	-2.928	-85.45	-121.82	-2.968	-86.80	-124.24	-3.008	-88.16	-126.68
-2.889	-84.15	-119.46	-2.929	-85.49	-121.88	-2.969	-86.84	-124.30	-3.009	-88.19	-126.74
-2.890	-84.18	-119.52	-2.930	-85.52	-121.94	-2.970	-86.87	-124.36	-3.010	-88.22	-126.80
-2.891	-84.21	-119.58	-2.931	-85.55	-122.00	-2.971	-86.90	-124.42	-3.011	-88.26	-126.87
-2.892	-84.25	-119.64	-2.932	-85.59	-122.06	-2.972	-86.94	-124.49	-3.012	-88.29	-126.93
-2.893	-84.28	-119.70	-2.933	-85.62	-122.12	-2.973	-86.97	-124.55	-3.013	-88.33	-126.99
-2.894	-84.31	-119.76	-2.934	-85.65	-122.18	-2.974	-87.00	-124.61	-3.014	-88.36	-127.05
-2.895	-84.35	-119.82	-2.935	-85.69	-122.24	-2.975	-87.04	-124.67	-3.015	-88.39	-127.11
-2.896	-84.38	-119.88	-2.936	-85.72	-122.30	-2.976	-87.07	-124.73	-3.016	-88.43	-127.17
-2.897	-84.41	-119.94	-2.937	-85.76	-122.36	-2.977	-87.11	-124.79	-3.017	-88.46	-127.23
-2.898	-84.45	-120.00	-2.938	-85.79	-122.42	-2.978	-87.14	-124.85	-3.018	-88.50	-127.29
-2.899	-84.48	-120.06	-2.939	-85.82	-122.48	-2.979	-87.17	-124.91	-3.019	-88.53	-127.35
-2.900	-84.51	-120.12	-2.940	-85.86	-122.54	-2.980	-87.21	-124.97	-3.020	-88.56	-127.42
-2.901	-84.55	-120.18	-2.941	-85.89	-122.60	-2.981	-87.24	-125.03	-3.021	-88.60	-127.48
-2.902	-84.56	-120.24	-2.942	-85.92	-122.66	-2.982	-87.27	-125.09	-3.022	-88.63	-127.54
-2.903	-84.61	-120.31	-2.943	-85.96	-122.72	-2.983	-87.31	-125.16	-3.023	-88.67	-127.60
-2.904	-84.65	-120.37	-2.944	-85.99	-122.78	-2.984	-87.34	-125.22	-3.024	-88.70	-127.66
-2.905	-84.68	-120.43	-2.945	-86.03	-122.85	-2.985	-87.38	-125.28	-3.025	-88.73	-127.72
-2.906	-84.71	-120.49	-2.946	-86.06	-122.91	-2.986	-87.41	-125.34	-3.026	-88.77	-127.78
-2.907	-84.75	-120.55	-2.947	-86.09	-122.97	-2.987	-87.44	-125.40	-3.027	-88.80	-127.84
-2.908	-84.78	-120.61	-2.948	-86.13	-123.03	-2.988	-87.48	-125.46	-3.028	-88.84	-127.91
-2.909	-84.82	-120.67	-2.949	-86.16	-123.09	-2.989	-87.51	-125.52	-3.029	-88.87	-127.97
-2.910	-84.85	-120.73	-2.950	-86.19	-123.15	-2.990	-87.55	-125.58	-3.030	-88.90	-128.03
-2.911	-84.88	-120.79	-2.951	-86.23	-123.21	-2.991	-87.58	-125.64	-3.031	-88.94	-128.09
-2.912	-84.92	-120.85	-2.952	-86.26	-123.27	-2.992	-87.61	-125.70	-3.032	-88.97	-128.15
-2.913	-84.95	-120.91	-2.953	-86.29	-123.33	-2.993	-87.65	-125.77	-3.033	-89.01	-128.21
-2.914	-84.98	-120.97	-2.954	-86.33	-123.39	-2.994	-87.68	-125.83	-3.034	-89.04	-128.27
-2.915	-85.02	-121.03	-2.955	-86.36	-123.45	-2.995	-87.72	-125.89	-3.035	-89.08	-128.34
-2.916	-85.05	-121.09	-2.956	-86.40	-123.51	-2.996	-87.75	-125.95	-3.036	-89.11	-128.40
-2.917	-85.08	-121.15	-2.957	-86.43	-123.57	-2.997	-87.78	-126.01	-3.037	-89.14	-128.46
-2.918	-85.12	-121.21	-2.958	-86.46	-123.63	-2.998	-87.82	-126.07	-3.038	-89.18	-128.52
-2.919	-85.15	-121.27	-2.959	-86.50	-123.70	-2.999	-87.85	-126.13	-3.039	-89.21	-128.58

MV	C	F	MV	C	F	MV	C	F	MV	C	F
-3.040	-89.25	-128.64	-3.080	-90.61	-131.10	-3.120	-91.99	-133.58	-3.160	-93.37	-136.07
-3.041	-89.28	-128.70	-3.081	-90.65	-131.17	-3.121	-92.02	-133.64	-3.161	-93.41	-136.13
-3.042	-89.31	-128.76	-3.082	-90.68	-131.23	-3.122	-92.06	-133.70	-3.162	-93.44	-136.19
-3.043	-89.35	-128.83	-3.083	-90.72	-131.29	-3.123	-92.09	-133.77	-3.163	-93.48	-136.26
-3.044	-89.38	-128.89	-3.084	-90.75	-131.35	-3.124	-92.13	-133.83	-3.164	-93.51	-136.32
-3.045	-89.42	-128.95	-3.085	-90.79	-131.41	-3.125	-92.16	-133.89	-3.165	-93.54	-136.38
-3.046	-89.45	-129.01	-3.086	-90.82	-131.47	-3.126	-92.20	-133.95	-3.166	-93.58	-136.44
-3.047	-89.48	-129.07	-3.087	-90.85	-131.54	-3.127	-92.23	-134.01	-3.167	-93.61	-136.51
-3.048	-89.52	-129.13	-3.088	-90.89	-131.60	-3.128	-92.26	-134.08	-3.168	-93.65	-136.57
-3.049	-89.55	-129.19	-3.089	-90.92	-131.66	-3.129	-92.30	-134.14	-3.169	-93.68	-136.63
-3.050	-89.59	-129.26	-3.090	-90.96	-131.72	-3.130	-92.33	-134.20	-3.170	-93.72	-136.69
-3.051	-89.62	-129.32	-3.091	-90.99	-131.78	-3.131	-92.37	-134.26	-3.171	-93.75	-136.76
-3.052	-89.66	-129.38	-3.092	-91.03	-131.85	-3.132	-92.40	-134.33	-3.172	-93.79	-136.82
-3.053	-89.69	-129.44	-3.093	-91.06	-131.91	-3.133	-92.44	-134.39	-3.173	-93.82	-136.88
-3.054	-89.72	-129.50	-3.094	-91.09	-131.97	-3.134	-92.47	-134.45	-3.174	-93.86	-136.94
-3.055	-89.76	-129.56	-3.095	-91.13	-132.03	-3.135	-92.51	-134.51	-3.175	-93.89	-137.01
-3.056	-89.79	-129.63	-3.096	-91.16	-132.09	-3.136	-92.54	-134.57	-3.176	-93.93	-137.07
-3.057	-89.83	-129.69	-3.097	-91.20	-132.15	-3.137	-92.58	-134.64	-3.177	-93.96	-137.13
-3.058	-89.86	-129.75	-3.098	-91.23	-132.22	-3.138	-92.61	-134.70	-3.178	-94.00	-137.19
-3.059	-89.89	-129.81	-3.099	-91.27	-132.28	-3.139	-92.64	-134.76	-3.179	-94.03	-137.26
-3.060	-89.93	-129.87	-3.100	-91.30	-132.34	-3.140	-92.68	-134.82	-3.180	-94.07	-137.32
-3.061	-89.96	-129.93	-3.101	-91.33	-132.40	-3.141	-92.71	-134.88	-3.181	-94.10	-137.38
-3.062	-90.00	-129.99	-3.102	-91.37	-132.46	-3.142	-92.75	-134.95	-3.182	-94.14	-137.44
-3.063	-90.03	-130.06	-3.103	-91.40	-132.53	-3.143	-92.78	-135.01	-3.183	-94.17	-137.51
-3.064	-90.07	-130.12	-3.104	-91.44	-132.59	-3.144	-92.82	-135.07	-3.184	-94.20	-137.57
-3.065	-90.10	-130.18	-3.105	-91.47	-132.65	-3.145	-92.85	-135.13	-3.185	-94.24	-137.63
-3.066	-90.13	-130.24	-3.106	-91.51	-132.71	-3.146	-92.89	-135.20	-3.186	-94.27	-137.69
-3.067	-90.17	-130.30	-3.107	-91.54	-132.77	-3.147	-92.92	-135.26	-3.187	-94.31	-137.76
-3.068	-90.20	-130.36	-3.108	-91.58	-132.84	-3.148	-92.96	-135.32	-3.188	-94.34	-137.82
-3.069	-90.24	-130.43	-3.109	-91.61	-132.90	-3.149	-92.99	-135.38	-3.189	-94.38	-137.88
-3.070	-90.27	-130.49	-3.110	-91.64	-132.96	-3.150	-93.03	-135.45	-3.190	-94.41	-137.94
-3.071	-90.31	-130.55	-3.111	-91.68	-133.02	-3.151	-93.06	-135.51	-3.191	-94.45	-138.01
-3.072	-90.34	-130.61	-3.112	-91.71	-133.08	-3.152	-93.09	-135.57	-3.192	-94.48	-138.07
-3.073	-90.37	-130.67	-3.113	-91.75	-133.15	-3.153	-93.13	-135.63	-3.193	-94.52	-138.13
-3.074	-90.41	-130.73	-3.114	-91.78	-133.21	-3.154	-93.16	-135.69	-3.194	-94.55	-138.20
-3.075	-90.44	-130.80	-3.115	-91.82	-133.27	-3.155	-93.20	-135.76	-3.195	-94.59	-138.26
-3.076	-90.48	-130.86	-3.116	-91.85	-133.33	-3.156	-93.23	-135.82	-3.196	-94.62	-138.32
-3.077	-90.51	-130.92	-3.117	-91.89	-133.39	-3.157	-93.27	-135.88	-3.197	-94.66	-138.38
-3.078	-90.54	-130.98	-3.118	-91.92	-133.46	-3.158	-93.30	-135.94	-3.198	-94.69	-138.45
-3.079	-90.58	-131.04	-3.119	-91.95	-133.52	-3.159	-93.34	-136.01	-3.199	-94.73	-138.51

MV	C	F	MV	C	F	MV	C	F	MV	C	F
-3.200	-94.76	-138.57	-3.240	-96.16	-141.09	-3.280	-97.57	-143.62	-3.320	-98.98	-146.16
-3.201	-94.90	-138.63	-3.241	-96.20	-141.15	-3.281	-97.60	-143.68	-3.321	-99.02	-146.23
-3.202	-94.93	-138.70	-3.242	-96.23	-141.21	-3.282	-97.64	-143.75	-3.322	-99.05	-146.29
-3.203	-94.97	-138.76	-3.243	-96.27	-141.28	-3.283	-97.67	-143.81	-3.323	-99.09	-146.36
-3.204	-94.90	-138.82	-3.244	-96.30	-141.34	-3.284	-97.71	-143.87	-3.324	-99.12	-146.42
-3.205	-94.94	-138.89	-3.245	-96.34	-141.40	-3.285	-97.74	-143.94	-3.325	-99.16	-146.48
-3.206	-94.97	-138.95	-3.246	-96.37	-141.47	-3.286	-97.78	-144.00	-3.326	-99.19	-146.55
-3.207	-95.01	-139.01	-3.247	-96.41	-141.53	-3.287	-97.81	-144.06	-3.327	-99.23	-146.61
-3.208	-95.04	-139.07	-3.248	-96.44	-141.59	-3.288	-97.85	-144.13	-3.328	-99.26	-146.68
-3.209	-95.08	-139.14	-3.249	-96.48	-141.66	-3.289	-97.88	-144.19	-3.329	-99.30	-146.74
-3.210	-95.11	-139.20	-3.250	-96.51	-141.72	-3.290	-97.92	-144.25	-3.330	-99.34	-146.80
-3.211	-95.15	-139.26	-3.251	-96.55	-141.78	-3.291	-97.95	-144.32	-3.331	-99.37	-146.87
-3.212	-95.18	-139.33	-3.252	-96.58	-141.85	-3.292	-97.99	-144.38	-3.332	-99.41	-146.93
-3.213	-95.22	-139.39	-3.253	-96.62	-141.91	-3.293	-98.02	-144.44	-3.333	-99.44	-146.99
-3.214	-95.25	-139.45	-3.254	-96.65	-141.97	-3.294	-98.06	-144.51	-3.334	-99.48	-147.06
-3.215	-95.29	-139.51	-3.255	-96.69	-142.04	-3.295	-98.10	-144.57	-3.335	-99.51	-147.12
-3.216	-95.32	-139.58	-3.256	-96.72	-142.10	-3.296	-98.13	-144.64	-3.336	-99.55	-147.19
-3.217	-95.36	-139.64	-3.257	-96.76	-142.16	-3.297	-98.17	-144.70	-3.337	-99.58	-147.25
-3.218	-95.39	-139.70	-3.258	-96.79	-142.23	-3.298	-98.20	-144.76	-3.338	-99.62	-147.31
-3.219	-95.43	-139.77	-3.259	-96.83	-142.29	-3.299	-98.24	-144.83	-3.339	-99.65	-147.38
-3.220	-95.46	-139.83	-3.260	-96.86	-142.35	-3.300	-98.27	-144.89	-3.340	-99.69	-147.44
-3.221	-95.50	-139.89	-3.261	-96.90	-142.42	-3.301	-98.31	-144.95	-3.341	-99.73	-147.51
-3.222	-95.53	-139.95	-3.262	-96.93	-142.48	-3.302	-98.34	-145.02	-3.342	-99.76	-147.57
-3.223	-95.56	-140.02	-3.263	-96.97	-142.54	-3.303	-98.38	-145.08	-3.343	-99.80	-147.63
-3.224	-95.50	-140.08	-3.264	-97.00	-142.60	-3.304	-98.41	-145.14	-3.344	-99.83	-147.70
-3.225	-95.53	-140.14	-3.265	-97.04	-142.67	-3.305	-98.45	-145.21	-3.345	-99.87	-147.76
-3.226	-95.67	-140.21	-3.266	-97.07	-142.73	-3.306	-98.48	-145.27	-3.346	-99.90	-147.83
-3.227	-95.70	-140.27	-3.267	-97.11	-142.79	-3.307	-98.52	-145.34	-3.347	-99.94	-147.89
-3.228	-95.74	-140.33	-3.268	-97.14	-142.86	-3.308	-98.56	-145.40	-3.348	-99.98	-147.96
-3.229	-95.77	-140.39	-3.269	-97.18	-142.92	-3.309	-98.59	-145.46	-3.349	-100.01	-148.02
-3.230	-95.81	-140.46	-3.270	-97.21	-142.98	-3.310	-98.63	-145.53	-3.350	-100.05	-148.08
-3.231	-95.84	-140.52	-3.271	-97.25	-143.05	-3.311	-98.66	-145.59	-3.351	-100.08	-148.15
-3.232	-95.88	-140.58	-3.272	-97.28	-143.11	-3.312	-98.70	-145.65	-3.352	-100.12	-148.21
-3.233	-95.91	-140.65	-3.273	-97.32	-143.18	-3.313	-98.73	-145.72	-3.353	-100.15	-148.28
-3.234	-95.95	-140.71	-3.274	-97.35	-143.24	-3.314	-98.77	-145.78	-3.354	-100.19	-148.34
-3.235	-95.98	-140.77	-3.275	-97.39	-143.30	-3.315	-98.80	-145.85	-3.355	-100.22	-148.40
-3.236	-96.02	-140.84	-3.276	-97.43	-143.37	-3.316	-98.84	-145.91	-3.356	-100.26	-148.47
-3.237	-96.05	-140.90	-3.277	-97.46	-143.43	-3.317	-98.87	-145.97	-3.357	-100.30	-148.53
-3.238	-96.09	-140.96	-3.278	-97.50	-143.49	-3.318	-98.91	-146.04	-3.358	-100.33	-148.60
-3.239	-96.13	-141.03	-3.279	-97.53	-143.56	-3.319	-98.94	-146.10	-3.359	-100.37	-148.66

MV	C	F	MV	C	F	MV	C	F	MV	C	F
-3.360	-100.40	-148.72	-3.400	-101.83	-151.30	-3.440	-103.27	-153.89	-3.480	-104.72	-156.50
-3.361	-100.44	-148.79	-3.401	-101.87	-151.36	-3.441	-103.31	-153.96	-3.481	-104.76	-156.56
-3.362	-100.47	-148.85	-3.402	-101.91	-151.43	-3.442	-103.34	-154.02	-3.482	-104.79	-156.63
-3.363	-100.51	-148.92	-3.403	-101.94	-151.49	-3.443	-103.38	-154.09	-3.483	-104.83	-156.69
-3.364	-100.55	-148.98	-3.404	-101.98	-151.56	-3.444	-103.42	-154.15	-3.484	-104.87	-156.76
-3.365	-100.58	-149.05	-3.405	-102.01	-151.62	-3.445	-103.45	-154.22	-3.485	-104.90	-156.82
-3.366	-100.62	-149.11	-3.406	-102.05	-151.69	-3.446	-103.49	-154.28	-3.486	-104.94	-156.89
-3.367	-100.65	-149.17	-3.407	-102.08	-151.75	-3.447	-103.53	-154.35	-3.487	-104.98	-156.96
-3.368	-100.69	-149.24	-3.408	-102.12	-151.82	-3.448	-103.56	-154.41	-3.488	-105.01	-157.02
-3.369	-100.72	-149.30	-3.409	-102.16	-151.88	-3.449	-103.50	-154.48	-3.489	-105.05	-157.09
-3.370	-100.76	-149.37	-3.410	-102.19	-151.95	-3.450	-103.63	-154.54	-3.490	-105.08	-157.15
-3.371	-100.80	-149.43	-3.411	-102.23	-152.01	-3.451	-103.67	-154.61	-3.491	-105.12	-157.22
-3.372	-100.83	-149.50	-3.412	-102.26	-152.08	-3.452	-103.71	-154.67	-3.492	-105.16	-157.28
-3.373	-100.87	-149.56	-3.413	-102.30	-152.14	-3.453	-103.74	-154.74	-3.493	-105.19	-157.35
-3.374	-100.90	-149.62	-3.414	-102.34	-152.21	-3.454	-103.78	-154.80	-3.494	-105.23	-157.41
-3.375	-100.94	-149.69	-3.415	-102.37	-152.27	-3.455	-103.81	-154.87	-3.495	-105.27	-157.48
-3.376	-100.97	-149.75	-3.416	-102.41	-152.33	-3.456	-103.85	-154.93	-3.496	-105.30	-157.54
-3.377	-101.01	-149.82	-3.417	-102.44	-152.40	-3.457	-103.89	-155.00	-3.497	-105.34	-157.61
-3.378	-101.05	-149.88	-3.418	-102.48	-152.46	-3.458	-103.92	-155.06	-3.498	-105.38	-157.68
-3.379	-101.08	-149.95	-3.419	-102.52	-152.53	-3.459	-103.96	-155.13	-3.499	-105.41	-157.74
-3.380	-101.12	-150.01	-3.420	-102.55	-152.59	-3.460	-104.00	-155.19	-3.500	-105.45	-157.81
-3.381	-101.15	-150.07	-3.421	-102.59	-152.66	-3.461	-104.03	-155.26	-3.501	-105.48	-157.87
-3.382	-101.19	-150.14	-3.422	-102.62	-152.72	-3.462	-104.07	-155.32	-3.502	-105.52	-157.94
-3.383	-101.22	-150.20	-3.423	-102.66	-152.79	-3.463	-104.10	-155.39	-3.503	-105.56	-158.00
-3.384	-101.26	-150.27	-3.424	-102.70	-152.85	-3.464	-104.14	-155.45	-3.504	-105.59	-158.07
-3.385	-101.30	-150.33	-3.425	-102.73	-152.92	-3.465	-104.18	-155.52	-3.505	-105.63	-158.13
-3.386	-101.33	-150.40	-3.426	-102.77	-152.98	-3.466	-104.21	-155.58	-3.506	-105.67	-158.20
-3.387	-101.37	-150.46	-3.427	-102.80	-153.05	-3.467	-104.25	-155.65	-3.507	-105.70	-158.27
-3.388	-101.40	-150.53	-3.428	-102.84	-153.11	-3.468	-104.29	-155.71	-3.508	-105.74	-158.33
-3.389	-101.44	-150.59	-3.429	-102.88	-153.18	-3.469	-104.32	-155.78	-3.509	-105.78	-158.40
-3.390	-101.47	-150.65	-3.430	-102.91	-153.24	-3.470	-104.36	-155.84	-3.510	-105.81	-158.46
-3.391	-101.51	-150.72	-3.431	-102.95	-153.31	-3.471	-104.39	-155.91	-3.511	-105.85	-158.53
-3.392	-101.55	-150.78	-3.432	-102.98	-153.37	-3.472	-104.43	-155.97	-3.512	-105.89	-158.59
-3.393	-101.58	-150.85	-3.433	-103.02	-153.44	-3.473	-104.47	-156.04	-3.513	-105.92	-158.66
-3.394	-101.62	-150.91	-3.434	-103.06	-153.50	-3.474	-104.50	-156.11	-3.514	-105.96	-158.73
-3.395	-101.65	-150.98	-3.435	-103.09	-153.57	-3.475	-104.54	-156.17	-3.515	-106.00	-158.79
-3.396	-101.69	-151.04	-3.436	-103.13	-153.63	-3.476	-104.58	-156.24	-3.516	-106.03	-158.86
-3.397	-101.73	-151.11	-3.437	-103.16	-153.70	-3.477	-104.61	-156.30	-3.517	-106.07	-158.92
-3.398	-101.76	-151.17	-3.438	-103.20	-153.76	-3.478	-104.65	-156.37	-3.518	-106.10	-158.99
-3.399	-101.80	-151.24	-3.439	-103.24	-153.83	-3.479	-104.68	-156.43	-3.519	-106.14	-159.05

MV	E	F	MV	E	F	MV	C	F	MV	C	F
-3.520	-106.10	-159.12	-3.560	-107.64	-161.76	-3.600	-109.12	-164.42	-3.640	-110.60	-167.09
-3.521	-106.21	-159.19	-3.561	-107.68	-161.83	-3.601	-109.16	-164.48	-3.641	-110.64	-167.16
-3.522	-106.25	-159.25	-3.562	-107.72	-161.89	-3.602	-109.19	-164.55	-3.642	-110.68	-167.22
-3.523	-106.29	-159.32	-3.563	-107.75	-161.96	-3.603	-109.23	-164.62	-3.643	-110.72	-167.29
-3.524	-106.32	-159.38	-3.564	-107.79	-162.02	-3.604	-109.27	-164.68	-3.644	-110.75	-167.36
-3.525	-106.36	-159.45	-3.565	-107.83	-162.09	-3.605	-109.30	-164.75	-3.645	-110.79	-167.42
-3.526	-106.40	-159.52	-3.566	-107.86	-162.16	-3.606	-109.34	-164.82	-3.646	-110.83	-167.49
-3.527	-106.43	-159.58	-3.567	-107.90	-162.22	-3.607	-109.38	-164.88	-3.647	-110.87	-167.56
-3.528	-106.47	-159.65	-3.568	-107.94	-162.29	-3.608	-109.42	-164.95	-3.648	-110.90	-167.63
-3.529	-106.51	-159.71	-3.569	-107.98	-162.36	-3.609	-109.45	-165.02	-3.649	-110.94	-167.69
-3.530	-106.54	-159.78	-3.570	-108.01	-162.42	-3.610	-109.49	-165.08	-3.650	-110.98	-167.76
-3.531	-106.58	-159.84	-3.571	-108.05	-162.49	-3.611	-109.53	-165.15	-3.651	-111.01	-167.83
-3.532	-106.62	-159.91	-3.572	-108.09	-162.55	-3.612	-109.56	-165.22	-3.652	-111.05	-167.89
-3.533	-106.65	-159.98	-3.573	-108.12	-162.62	-3.613	-109.60	-165.28	-3.653	-111.09	-167.96
-3.534	-106.69	-160.04	-3.574	-108.16	-162.69	-3.614	-109.64	-165.35	-3.654	-111.13	-168.03
-3.535	-106.73	-160.11	-3.575	-108.20	-162.75	-3.615	-109.68	-165.42	-3.655	-111.16	-168.10
-3.536	-106.76	-160.17	-3.576	-108.23	-162.82	-3.616	-109.71	-165.48	-3.656	-111.20	-168.16
-3.537	-106.80	-160.24	-3.577	-108.27	-162.89	-3.617	-109.75	-165.55	-3.657	-111.24	-168.23
-3.538	-106.84	-160.31	-3.578	-108.31	-162.95	-3.618	-109.79	-165.62	-3.658	-111.28	-168.30
-3.539	-106.87	-160.37	-3.579	-108.34	-163.02	-3.619	-109.82	-165.68	-3.659	-111.31	-168.36
-3.540	-106.91	-160.44	-3.580	-108.38	-163.09	-3.620	-109.86	-165.75	-3.660	-111.35	-168.43
-3.541	-106.95	-160.50	-3.581	-108.42	-163.15	-3.621	-109.90	-165.82	-3.661	-111.39	-168.50
-3.542	-106.98	-160.57	-3.582	-108.45	-163.22	-3.622	-109.94	-165.88	-3.662	-111.43	-168.57
-3.543	-107.02	-160.64	-3.583	-108.49	-163.28	-3.623	-109.97	-165.95	-3.663	-111.46	-168.63
-3.544	-107.06	-160.70	-3.584	-108.53	-163.35	-3.624	-110.01	-166.02	-3.664	-111.50	-168.70
-3.545	-107.09	-160.77	-3.585	-108.57	-163.42	-3.625	-110.05	-166.08	-3.665	-111.54	-168.77
-3.546	-107.13	-160.83	-3.586	-108.60	-163.48	-3.626	-110.08	-166.15	-3.666	-111.58	-168.84
-3.547	-107.17	-160.90	-3.587	-108.64	-163.55	-3.627	-110.12	-166.22	-3.667	-111.61	-168.90
-3.548	-107.20	-160.97	-3.588	-108.68	-163.62	-3.628	-110.16	-166.28	-3.668	-111.65	-168.97
-3.549	-107.24	-161.03	-3.589	-108.71	-163.68	-3.629	-110.20	-166.35	-3.669	-111.69	-169.04
-3.550	-107.28	-161.10	-3.590	-108.75	-163.75	-3.630	-110.23	-166.42	-3.670	-111.73	-169.11
-3.551	-107.31	-161.16	-3.591	-108.79	-163.82	-3.631	-110.27	-166.49	-3.671	-111.76	-169.17
-3.552	-107.35	-161.23	-3.592	-108.82	-163.88	-3.632	-110.31	-166.55	-3.672	-111.80	-169.24
-3.553	-107.39	-161.30	-3.593	-108.86	-163.95	-3.633	-110.34	-166.62	-3.673	-111.84	-169.31
-3.554	-107.42	-161.36	-3.594	-108.90	-164.02	-3.634	-110.38	-166.69	-3.674	-111.87	-169.37
-3.555	-107.46	-161.43	-3.595	-108.93	-164.08	-3.635	-110.42	-166.75	-3.675	-111.91	-169.44
-3.556	-107.50	-161.49	-3.596	-108.97	-164.15	-3.636	-110.46	-166.82	-3.676	-111.95	-169.51
-3.557	-107.53	-161.56	-3.597	-109.01	-164.22	-3.637	-110.49	-166.89	-3.677	-111.99	-169.58
-3.558	-107.57	-161.63	-3.598	-109.05	-164.28	-3.638	-110.53	-166.95	-3.678	-112.02	-169.64
-3.559	-107.61	-161.69	-3.599	-109.08	-164.35	-3.639	-110.57	-167.02	-3.679	-112.06	-169.71

MV	E	F	MV	E	F	MV	E	F	MV	E	F
-3.690	-112.10	-169.78	-3.720	-113.60	-172.49	-3.760	-115.12	-175.22	-3.800	-116.65	-177.96
-3.691	-112.14	-169.85	-3.721	-113.64	-172.56	-3.761	-115.16	-175.28	-3.801	-116.68	-178.03
-3.692	-112.17	-169.91	-3.722	-113.68	-172.62	-3.762	-115.20	-175.35	-3.802	-116.72	-178.10
-3.693	-112.21	-169.98	-3.723	-113.72	-172.69	-3.763	-115.23	-175.42	-3.803	-116.76	-178.17
-3.694	-112.25	-170.05	-3.724	-113.76	-172.76	-3.764	-115.27	-175.49	-3.804	-116.80	-178.24
-3.695	-112.29	-170.12	-3.725	-113.79	-172.83	-3.765	-115.31	-175.56	-3.805	-116.84	-178.31
-3.696	-112.32	-170.18	-3.726	-113.83	-172.90	-3.766	-115.35	-175.63	-3.806	-116.88	-178.38
-3.697	-112.36	-170.25	-3.727	-113.87	-172.96	-3.767	-115.39	-175.69	-3.807	-116.91	-178.44
-3.698	-112.40	-170.32	-3.728	-113.91	-173.03	-3.768	-115.42	-175.76	-3.808	-116.95	-178.51
-3.699	-112.44	-170.39	-3.729	-113.94	-173.10	-3.769	-115.46	-175.83	-3.809	-116.99	-178.58
-3.690	-112.48	-170.46	-3.730	-113.98	-173.17	-3.770	-115.50	-175.90	-3.810	-117.03	-178.65
-3.691	-112.51	-170.52	-3.731	-114.02	-173.24	-3.771	-115.54	-175.97	-3.811	-117.07	-178.72
-3.692	-112.55	-170.59	-3.732	-114.06	-173.30	-3.772	-115.58	-176.04	-3.812	-117.11	-178.79
-3.693	-112.59	-170.66	-3.733	-114.10	-173.37	-3.773	-115.61	-176.11	-3.813	-117.14	-178.86
-3.694	-112.63	-170.73	-3.734	-114.13	-173.44	-3.774	-115.65	-176.17	-3.814	-117.18	-178.93
-3.695	-112.66	-170.79	-3.735	-114.17	-173.51	-3.775	-115.69	-176.24	-3.815	-117.22	-179.00
-3.696	-112.70	-170.86	-3.736	-114.21	-173.58	-3.776	-115.73	-176.31	-3.816	-117.26	-179.07
-3.697	-112.74	-170.93	-3.737	-114.25	-173.65	-3.777	-115.77	-176.38	-3.817	-117.30	-179.13
-3.698	-112.78	-171.00	-3.738	-114.29	-173.71	-3.778	-115.81	-176.45	-3.818	-117.34	-179.20
-3.699	-112.81	-171.06	-3.739	-114.32	-173.78	-3.779	-115.84	-176.52	-3.819	-117.37	-179.27
-3.700	-112.85	-171.13	-3.740	-114.36	-173.85	-3.780	-115.88	-176.59	-3.820	-117.41	-179.34
-3.701	-112.89	-171.20	-3.741	-114.40	-173.92	-3.781	-115.92	-176.65	-3.821	-117.45	-179.41
-3.702	-112.93	-171.27	-3.742	-114.44	-173.99	-3.782	-115.96	-176.72	-3.822	-117.49	-179.48
-3.703	-112.96	-171.33	-3.743	-114.47	-174.05	-3.783	-116.00	-176.79	-3.823	-117.53	-179.55
-3.704	-113.00	-171.40	-3.744	-114.51	-174.12	-3.784	-116.03	-176.86	-3.824	-117.57	-179.62
-3.705	-113.04	-171.47	-3.745	-114.55	-174.19	-3.785	-116.07	-176.93	-3.825	-117.60	-179.69
-3.706	-113.08	-171.54	-3.746	-114.59	-174.26	-3.786	-116.11	-177.00	-3.826	-117.64	-179.76
-3.707	-113.11	-171.61	-3.747	-114.63	-174.33	-3.787	-116.15	-177.07	-3.827	-117.68	-179.83
-3.708	-113.15	-171.67	-3.748	-114.66	-174.40	-3.788	-116.19	-177.14	-3.828	-117.72	-179.90
-3.709	-113.19	-171.74	-3.749	-114.70	-174.46	-3.789	-116.22	-177.20	-3.829	-117.76	-179.96
-3.710	-113.23	-171.81	-3.750	-114.74	-174.53	-3.790	-116.26	-177.27	-3.830	-117.80	-180.03
-3.711	-113.27	-171.88	-3.751	-114.78	-174.60	-3.791	-116.30	-177.34	-3.831	-117.84	-180.10
-3.712	-113.30	-171.95	-3.752	-114.82	-174.67	-3.792	-116.34	-177.41	-3.832	-117.87	-180.17
-3.713	-113.34	-172.01	-3.753	-114.85	-174.74	-3.793	-116.38	-177.48	-3.833	-117.91	-180.24
-3.714	-113.38	-172.08	-3.754	-114.89	-174.81	-3.794	-116.42	-177.55	-3.834	-117.95	-180.31
-3.715	-113.42	-172.15	-3.755	-114.93	-174.87	-3.795	-116.45	-177.62	-3.835	-117.99	-180.38
-3.716	-113.45	-172.22	-3.756	-114.97	-174.94	-3.796	-116.49	-177.69	-3.836	-118.03	-180.45
-3.717	-113.49	-172.28	-3.757	-115.01	-175.01	-3.797	-116.53	-177.76	-3.837	-118.07	-180.52
-3.718	-113.53	-172.35	-3.758	-115.04	-175.08	-3.798	-116.57	-177.82	-3.838	-118.10	-180.59
-3.719	-113.57	-172.42	-3.759	-115.08	-175.15	-3.799	-116.61	-177.89	-3.839	-118.14	-180.66

MV	C	F	MV	C	F	MV	C	F	MV	C	F	MV	C	F
-3.840	-118.18	-180.73	-3.860	-119.73	-181.51	-3.920	-121.29	-186.32	-3.960	-122.86	-189.14	-3.980	-124.04	-191.21
-3.841	-118.22	-180.80	-3.861	-119.77	-181.58	-3.921	-121.33	-186.39	-3.961	-122.90	-189.22	-3.981	-124.08	-191.35
-3.842	-118.26	-180.87	-3.862	-119.81	-181.65	-3.922	-121.37	-186.46	-3.962	-122.94	-189.29	-3.982	-124.12	-191.42
-3.843	-118.30	-180.94	-3.863	-119.85	-181.72	-3.923	-121.41	-186.53	-3.963	-122.98	-189.36	-3.983	-124.16	-191.49
-3.844	-118.34	-181.00	-3.864	-119.88	-181.79	-3.924	-121.44	-186.60	-3.964	-123.02	-189.43	-3.984	-124.20	-191.56
-3.845	-118.37	-181.07	-3.865	-119.92	-181.86	-3.925	-121.48	-186.67	-3.965	-123.06	-189.50	-3.985	-124.24	-191.63
-3.846	-118.41	-181.14	-3.866	-119.96	-181.93	-3.926	-121.52	-186.74	-3.966	-123.09	-189.57	-3.986	-124.28	-191.71
-3.847	-118.45	-181.21	-3.867	-120.00	-182.00	-3.927	-121.56	-186.81	-3.967	-123.13	-189.64	-3.987	-124.32	-191.78
-3.848	-118.49	-181.28	-3.868	-120.04	-182.07	-3.928	-121.60	-186.88	-3.968	-123.17	-189.71	-3.988	-124.36	-191.85
-3.849	-118.53	-181.35	-3.869	-120.08	-182.14	-3.929	-121.64	-186.95	-3.969	-123.21	-189.78	-3.989	-124.40	-191.92
-3.850	-118.57	-181.42	-3.890	-120.12	-182.21	-3.930	-121.68	-187.02	-3.970	-123.25	-189.85	-3.990	-124.44	-192.00
-3.851	-118.61	-181.49	-3.891	-120.16	-182.28	-3.931	-121.72	-187.09	-3.971	-123.29	-189.93	-3.991	-124.48	-192.07
-3.852	-118.64	-181.56	-3.892	-120.20	-182.35	-3.932	-121.76	-187.16	-3.972	-123.33	-190.00	-3.992	-124.52	-192.14
-3.853	-118.68	-181.63	-3.893	-120.23	-182.42	-3.933	-121.80	-187.23	-3.973	-123.37	-190.07	-3.993	-124.56	-192.21
-3.854	-118.72	-181.70	-3.894	-120.27	-182.49	-3.934	-121.84	-187.30	-3.974	-123.41	-190.14	-3.994	-124.60	-192.28
-3.855	-118.76	-181.77	-3.895	-120.31	-182.56	-3.935	-121.88	-187.38	-3.975	-123.45	-190.21	-3.995	-124.64	-192.35
-3.856	-118.80	-181.84	-3.896	-120.35	-182.63	-3.936	-121.91	-187.45	-3.976	-123.49	-190.28	-3.996	-124.68	-192.42
-3.857	-118.84	-181.91	-3.897	-120.39	-182.70	-3.937	-121.95	-187.52	-3.977	-123.53	-190.35	-3.997	-124.72	-192.49
-3.858	-118.88	-181.98	-3.898	-120.43	-182.77	-3.938	-121.99	-187.59	-3.978	-123.57	-190.42	-3.998	-124.76	-192.56
-3.859	-118.92	-182.05	-3.899	-120.47	-182.84	-3.939	-122.03	-187.66	-3.979	-123.61	-190.49	-3.999	-124.80	-192.63
-3.860	-118.95	-182.12	-3.900	-120.51	-182.91	-3.940	-122.07	-187.73	-3.980	-123.65	-190.57	-3.990	-124.84	-192.70
-3.861	-118.99	-182.19	-3.901	-120.55	-182.98	-3.941	-122.11	-187.80	-3.981	-123.69	-190.64	-3.991	-124.88	-192.77
-3.862	-119.03	-182.26	-3.902	-120.59	-183.05	-3.942	-122.15	-187.87	-3.982	-123.73	-190.71	-3.992	-124.92	-192.84
-3.863	-119.07	-182.33	-3.903	-120.62	-183.12	-3.943	-122.19	-187.94	-3.983	-123.77	-190.78	-3.993	-124.96	-192.91
-3.864	-119.11	-182.40	-3.904	-120.66	-183.19	-3.944	-122.23	-188.01	-3.984	-123.81	-190.85	-3.994	-125.00	-192.98
-3.865	-119.15	-182.47	-3.905	-120.70	-183.26	-3.945	-122.27	-188.08	-3.985	-123.85	-190.92	-3.995	-125.04	-193.05
-3.866	-119.19	-182.54	-3.906	-120.74	-183.33	-3.946	-122.31	-188.15	-3.986	-123.89	-190.99	-3.996	-125.08	-193.12
-3.867	-119.23	-182.61	-3.907	-120.78	-183.40	-3.947	-122.35	-188.22	-3.987	-123.93	-191.06	-3.997	-125.12	-193.19
-3.868	-119.26	-182.67	-3.908	-120.82	-183.47	-3.948	-122.39	-188.29	-3.988	-123.97	-191.14	-3.998	-125.16	-193.26
-3.869	-119.30	-182.74	-3.909	-120.86	-183.54	-3.949	-122.43	-188.37	-3.989	-124.01	-191.21	-3.999	-125.20	-193.33
-3.870	-119.34	-182.81	-3.910	-120.90	-183.61	-3.950	-122.47	-188.44	-3.990	-124.05	-191.28	-3.990	-125.24	-193.40
-3.871	-119.38	-182.88	-3.911	-120.94	-183.68	-3.951	-122.51	-188.51	-3.991	-124.09	-191.35	-3.991	-125.28	-193.47
-3.872	-119.42	-182.95	-3.912	-120.98	-183.75	-3.952	-122.55	-188.58	-3.992	-124.13	-191.42	-3.992	-125.32	-193.54
-3.873	-119.46	-183.02	-3.913	-121.01	-183.83	-3.953	-122.59	-188.65	-3.993	-124.17	-191.49	-3.993	-125.36	-193.61
-3.874	-119.50	-183.09	-3.914	-121.05	-183.90	-3.954	-122.63	-188.72	-3.994	-124.21	-191.56	-3.994	-125.40	-193.68
-3.875	-119.54	-183.16	-3.915	-121.09	-183.97	-3.955	-122.67	-188.79	-3.995	-124.25	-191.63	-3.995	-125.44	-193.75
-3.876	-119.57	-183.23	-3.916	-121.13	-184.04	-3.956	-122.71	-188.86	-3.996	-124.29	-191.71	-3.996	-125.48	-193.82
-3.877	-119.61	-183.30	-3.917	-121.17	-184.11	-3.957	-122.75	-188.93	-3.997	-124.33	-191.78	-3.997	-125.52	-193.89
-3.878	-119.65	-183.37	-3.918	-121.21	-184.18	-3.958	-122.79	-189.00	-3.998	-124.37	-191.85	-3.998	-125.56	-193.96
-3.879	-119.69	-183.44	-3.919	-121.25	-184.25	-3.959	-122.83	-189.07	-3.999	-124.41	-191.92	-3.999	-125.60	-194.03

MV	C	F	MV	E	F	MV	E	F	MV	E	F
-4.000	-124.44	-191.99	-4.040	-126.03	-194.86	-4.080	-127.64	-197.75	-4.120	-129.26	-200.67
-4.001	-124.48	-192.06	-4.041	-126.07	-194.93	-4.081	-127.68	-197.83	-4.121	-129.30	-200.74
-4.002	-124.52	-192.14	-4.042	-126.11	-195.01	-4.082	-127.72	-197.90	-4.122	-129.34	-200.82
-4.003	-124.56	-192.21	-4.043	-126.15	-195.08	-4.083	-127.76	-197.97	-4.123	-129.38	-200.89
-4.004	-124.50	-192.28	-4.044	-126.19	-195.15	-4.084	-127.80	-198.04	-4.124	-129.42	-200.96
-4.005	-124.64	-192.35	-4.045	-126.23	-195.22	-4.085	-127.84	-198.12	-4.125	-129.46	-201.03
-4.006	-124.58	-192.42	-4.046	-126.27	-195.29	-4.086	-127.88	-198.19	-4.126	-129.50	-201.11
-4.007	-124.72	-192.49	-4.047	-126.31	-195.37	-4.087	-127.92	-198.26	-4.127	-129.55	-201.18
-4.008	-124.76	-192.56	-4.048	-126.35	-195.44	-4.088	-127.96	-198.33	-4.128	-129.59	-201.25
-4.009	-124.80	-192.64	-4.049	-126.39	-195.51	-4.089	-128.00	-198.41	-4.129	-129.63	-201.33
-4.010	-124.84	-192.71	-4.050	-126.43	-195.58	-4.090	-128.04	-198.48	-4.130	-129.67	-201.40
-4.011	-124.88	-192.78	-4.051	-126.47	-195.65	-4.091	-128.08	-198.55	-4.131	-129.71	-201.47
-4.012	-124.92	-192.85	-4.052	-126.51	-195.73	-4.092	-128.12	-198.63	-4.132	-129.75	-201.55
-4.013	-124.96	-192.92	-4.053	-126.56	-195.80	-4.093	-128.17	-198.70	-4.133	-129.79	-201.62
-4.014	-125.00	-192.99	-4.054	-126.60	-195.87	-4.094	-128.21	-198.77	-4.134	-129.83	-201.69
-4.015	-125.04	-193.07	-4.055	-126.64	-195.94	-4.095	-128.25	-198.84	-4.135	-129.87	-201.77
-4.016	-125.08	-193.14	-4.056	-126.68	-196.02	-4.096	-128.29	-198.92	-4.136	-129.91	-201.84
-4.017	-125.12	-193.21	-4.057	-126.72	-196.09	-4.097	-128.33	-198.99	-4.137	-129.95	-201.91
-4.018	-125.16	-193.28	-4.058	-126.76	-196.16	-4.098	-128.37	-199.06	-4.138	-129.99	-201.99
-4.019	-125.20	-193.35	-4.059	-126.80	-196.23	-4.099	-128.41	-199.14	-4.139	-130.03	-202.06
-4.020	-125.24	-193.42	-4.060	-126.84	-196.30	-4.100	-128.45	-199.21	-4.140	-130.08	-202.14
-4.021	-125.28	-193.50	-4.061	-126.88	-196.38	-4.101	-128.49	-199.28	-4.141	-130.12	-202.21
-4.022	-125.32	-193.57	-4.062	-126.92	-196.45	-4.102	-128.53	-199.35	-4.142	-130.16	-202.28
-4.023	-125.36	-193.64	-4.063	-126.96	-196.52	-4.103	-128.57	-199.43	-4.143	-130.20	-202.36
-4.024	-125.40	-193.71	-4.064	-127.00	-196.59	-4.104	-128.61	-199.50	-4.144	-130.24	-202.43
-4.025	-125.43	-193.78	-4.065	-127.04	-196.67	-4.105	-128.65	-199.57	-4.145	-130.28	-202.50
-4.026	-125.47	-193.85	-4.066	-127.08	-196.74	-4.106	-128.69	-199.65	-4.146	-130.32	-202.58
-4.027	-125.51	-193.93	-4.067	-127.12	-196.81	-4.107	-128.73	-199.72	-4.147	-130.36	-202.65
-4.028	-125.55	-194.00	-4.068	-127.16	-196.88	-4.108	-128.77	-199.79	-4.148	-130.40	-202.72
-4.029	-125.59	-194.07	-4.069	-127.20	-196.96	-4.109	-128.81	-199.86	-4.149	-130.44	-202.80
-4.030	-125.63	-194.14	-4.070	-127.24	-197.03	-4.110	-128.85	-199.94	-4.150	-130.48	-202.87
-4.031	-125.67	-194.21	-4.071	-127.28	-197.10	-4.111	-128.89	-200.01	-4.151	-130.52	-202.94
-4.032	-125.71	-194.29	-4.072	-127.32	-197.17	-4.112	-128.94	-200.08	-4.152	-130.57	-203.02
-4.033	-125.75	-194.36	-4.073	-127.36	-197.25	-4.113	-128.98	-200.16	-4.153	-130.61	-203.09
-4.034	-125.79	-194.43	-4.074	-127.40	-197.32	-4.114	-129.02	-200.23	-4.154	-130.65	-203.17
-4.035	-125.83	-194.50	-4.075	-127.44	-197.39	-4.115	-129.06	-200.30	-4.155	-130.69	-203.24
-4.036	-125.87	-194.57	-4.076	-127.48	-197.46	-4.116	-129.10	-200.38	-4.156	-130.73	-203.31
-4.037	-125.91	-194.65	-4.077	-127.52	-197.54	-4.117	-129.14	-200.45	-4.157	-130.77	-203.39
-4.038	-125.95	-194.72	-4.078	-127.56	-197.61	-4.118	-129.18	-200.52	-4.158	-130.81	-203.46
-4.039	-125.99	-194.79	-4.079	-127.60	-197.68	-4.119	-129.22	-200.60	-4.159	-130.85	-203.53

MV	C	F	MV	C	F	MV	C	F	MV	C	F
-4.160	-130.99	-203.61	-4.200	-132.54	-206.57	-4.240	-134.20	-209.56	-4.280	-135.87	-212.57
-4.161	-130.93	-203.66	-4.201	-132.58	-206.65	-4.241	-134.24	-209.63	-4.281	-135.92	-212.65
-4.162	-130.98	-203.76	-4.202	-132.62	-206.72	-4.242	-134.28	-209.71	-4.282	-135.96	-212.72
-4.163	-131.02	-203.83	-4.203	-132.66	-206.79	-4.243	-134.32	-209.78	-4.283	-136.00	-212.80
-4.164	-131.06	-203.90	-4.204	-132.70	-206.87	-4.244	-134.37	-209.86	-4.284	-136.04	-212.88
-4.165	-131.10	-203.98	-4.205	-132.75	-206.94	-4.245	-134.41	-209.93	-4.285	-136.08	-212.95
-4.166	-131.14	-204.05	-4.206	-132.79	-207.02	-4.246	-134.45	-210.01	-4.286	-136.13	-213.03
-4.167	-131.18	-204.12	-4.207	-132.83	-207.09	-4.247	-134.49	-210.08	-4.287	-136.17	-213.10
-4.168	-131.22	-204.20	-4.208	-132.87	-207.17	-4.248	-134.53	-210.16	-4.288	-136.21	-213.18
-4.169	-131.26	-204.27	-4.209	-132.91	-207.24	-4.249	-134.58	-210.24	-4.289	-136.25	-213.26
-4.170	-131.30	-204.35	-4.210	-132.95	-207.32	-4.250	-134.62	-210.31	-4.290	-136.29	-213.33
-4.171	-131.34	-204.42	-4.211	-132.99	-207.39	-4.251	-134.66	-210.39	-4.291	-136.34	-213.41
-4.172	-131.39	-204.49	-4.212	-133.04	-207.46	-4.252	-134.70	-210.46	-4.292	-136.38	-213.48
-4.173	-131.43	-204.57	-4.213	-133.08	-207.54	-4.253	-134.74	-210.54	-4.293	-136.42	-213.56
-4.174	-131.47	-204.64	-4.214	-133.12	-207.61	-4.254	-134.78	-210.61	-4.294	-136.46	-213.63
-4.175	-131.51	-204.72	-4.215	-133.16	-207.69	-4.255	-134.83	-210.69	-4.295	-136.51	-213.71
-4.176	-131.55	-204.79	-4.216	-133.20	-207.76	-4.256	-134.87	-210.76	-4.296	-136.55	-213.79
-4.177	-131.59	-204.86	-4.217	-133.24	-207.84	-4.257	-134.91	-210.84	-4.297	-136.59	-213.86
-4.178	-131.63	-204.94	-4.218	-133.28	-207.91	-4.258	-134.95	-210.91	-4.298	-136.63	-213.94
-4.179	-131.67	-205.01	-4.219	-133.33	-207.99	-4.259	-134.99	-210.99	-4.299	-136.67	-214.01
-4.180	-131.71	-205.09	-4.220	-133.37	-208.06	-4.260	-135.03	-211.06	-4.300	-136.72	-214.09
-4.181	-131.76	-205.16	-4.221	-133.41	-208.14	-4.261	-135.08	-211.14	-4.301	-136.76	-214.17
-4.182	-131.80	-205.23	-4.222	-133.45	-208.21	-4.262	-135.12	-211.21	-4.302	-136.80	-214.24
-4.183	-131.84	-205.31	-4.223	-133.49	-208.29	-4.263	-135.16	-211.29	-4.303	-136.84	-214.32
-4.184	-131.88	-205.38	-4.224	-133.53	-208.36	-4.264	-135.20	-211.36	-4.304	-136.89	-214.39
-4.185	-131.92	-205.46	-4.225	-133.58	-208.44	-4.265	-135.24	-211.44	-4.305	-136.93	-214.47
-4.186	-131.96	-205.53	-4.226	-133.62	-208.51	-4.266	-135.29	-211.52	-4.306	-136.97	-214.55
-4.187	-132.00	-205.61	-4.227	-133.66	-208.59	-4.267	-135.33	-211.59	-4.307	-137.01	-214.62
-4.188	-132.04	-205.68	-4.228	-133.70	-208.66	-4.268	-135.37	-211.67	-4.308	-137.05	-214.70
-4.189	-132.09	-205.75	-4.229	-133.74	-208.73	-4.269	-135.41	-211.74	-4.309	-137.10	-214.78
-4.190	-132.13	-205.83	-4.230	-133.78	-208.81	-4.270	-135.45	-211.82	-4.310	-137.14	-214.85
-4.191	-132.17	-205.90	-4.231	-133.82	-208.88	-4.271	-135.50	-211.89	-4.311	-137.18	-214.93
-4.192	-132.21	-205.98	-4.232	-133.87	-208.96	-4.272	-135.54	-211.97	-4.312	-137.22	-215.00
-4.193	-132.25	-206.05	-4.233	-133.91	-209.03	-4.273	-135.58	-212.04	-4.313	-137.27	-215.08
-4.194	-132.29	-206.12	-4.234	-133.95	-209.11	-4.274	-135.62	-212.12	-4.314	-137.31	-215.16
-4.195	-132.33	-206.20	-4.235	-133.99	-209.18	-4.275	-135.66	-212.20	-4.315	-137.35	-215.23
-4.196	-132.37	-206.27	-4.236	-134.03	-209.26	-4.276	-135.71	-212.27	-4.316	-137.39	-215.31
-4.197	-132.42	-206.35	-4.237	-134.07	-209.33	-4.277	-135.75	-212.35	-4.317	-137.44	-215.38
-4.198	-132.46	-206.42	-4.238	-134.12	-209.41	-4.278	-135.79	-212.42	-4.318	-137.48	-215.46
-4.199	-132.50	-206.50	-4.239	-134.16	-209.48	-4.279	-135.83	-212.50	-4.319	-137.52	-215.54

MV	E	F	MV	E	F	MV	E	F	MV	E	F
-4.320	-137.56	-215.61	-4.360	-139.27	-216.68	-4.400	-140.99	-221.78	-4.440	-142.72	-224.90
-4.321	-137.61	-215.69	-4.361	-139.31	-216.76	-4.401	-141.03	-221.66	-4.441	-142.77	-224.98
-4.322	-137.65	-215.77	-4.362	-139.35	-216.84	-4.402	-141.07	-221.93	-4.442	-142.81	-225.06
-4.323	-137.69	-215.84	-4.363	-139.40	-216.91	-4.403	-141.12	-222.01	-4.443	-142.86	-225.14
-4.324	-137.73	-215.92	-4.364	-139.44	-216.99	-4.404	-141.16	-222.09	-4.444	-142.90	-225.22
-4.325	-137.78	-216.00	-4.365	-139.48	-217.07	-4.405	-141.20	-222.17	-4.445	-142.94	-225.30
-4.326	-137.82	-216.07	-4.366	-139.52	-217.14	-4.406	-141.25	-222.25	-4.446	-142.99	-225.38
-4.327	-137.86	-216.15	-4.367	-139.57	-217.22	-4.407	-141.29	-222.32	-4.447	-143.03	-225.45
-4.328	-137.90	-216.23	-4.368	-139.61	-217.30	-4.408	-141.33	-222.40	-4.448	-143.07	-225.53
-4.329	-137.95	-216.30	-4.369	-139.65	-217.38	-4.409	-141.38	-222.48	-4.449	-143.12	-225.61
-4.330	-137.99	-216.38	-4.370	-139.70	-217.45	-4.410	-141.42	-222.56	-4.450	-143.16	-225.69
-4.331	-138.03	-216.45	-4.371	-139.74	-217.53	-4.411	-141.46	-222.63	-4.451	-143.20	-225.77
-4.332	-138.07	-216.53	-4.372	-139.78	-217.61	-4.412	-141.51	-222.71	-4.452	-143.25	-225.85
-4.333	-138.12	-216.61	-4.373	-139.83	-217.69	-4.413	-141.55	-222.79	-4.453	-143.29	-225.93
-4.334	-138.16	-216.68	-4.374	-139.87	-217.76	-4.414	-141.59	-222.87	-4.454	-143.34	-226.00
-4.335	-138.20	-216.76	-4.375	-139.91	-217.84	-4.415	-141.64	-222.95	-4.455	-143.38	-226.08
-4.336	-138.24	-216.84	-4.376	-139.95	-217.92	-4.416	-141.68	-223.02	-4.456	-143.42	-226.16
-4.337	-138.29	-216.91	-4.377	-140.00	-217.99	-4.417	-141.72	-223.10	-4.457	-143.47	-226.24
-4.338	-138.33	-216.99	-4.378	-140.04	-220.07	-4.418	-141.77	-223.18	-4.458	-143.51	-226.32
-4.339	-138.37	-217.07	-4.379	-140.08	-220.15	-4.419	-141.81	-223.26	-4.459	-143.55	-226.40
-4.340	-138.41	-217.14	-4.380	-140.13	-220.23	-4.420	-141.85	-223.34	-4.460	-143.60	-226.48
-4.341	-138.46	-217.22	-4.381	-140.17	-220.30	-4.421	-141.90	-223.42	-4.461	-143.64	-226.56
-4.342	-138.50	-217.30	-4.382	-140.21	-220.38	-4.422	-141.94	-223.49	-4.462	-143.69	-226.64
-4.343	-138.54	-217.37	-4.383	-140.25	-220.46	-4.423	-141.98	-223.57	-4.463	-143.73	-226.71
-4.344	-138.58	-217.45	-4.384	-140.30	-220.54	-4.424	-142.03	-223.65	-4.464	-143.77	-226.79
-4.345	-138.63	-217.53	-4.385	-140.34	-220.61	-4.425	-142.07	-223.73	-4.465	-143.82	-226.87
-4.346	-138.67	-217.61	-4.386	-140.38	-220.69	-4.426	-142.11	-223.81	-4.466	-143.86	-226.95
-4.347	-138.71	-217.68	-4.387	-140.43	-220.77	-4.427	-142.16	-223.88	-4.467	-143.91	-227.03
-4.348	-138.75	-217.76	-4.388	-140.47	-220.85	-4.428	-142.20	-223.96	-4.468	-143.95	-227.11
-4.349	-138.80	-217.84	-4.389	-140.51	-220.92	-4.429	-142.25	-224.04	-4.469	-143.99	-227.19
-4.350	-138.84	-217.91	-4.390	-140.56	-221.00	-4.430	-142.29	-224.12	-4.470	-144.04	-227.27
-4.351	-138.88	-217.99	-4.391	-140.60	-221.08	-4.431	-142.33	-224.20	-4.471	-144.08	-227.35
-4.352	-138.93	-218.07	-4.392	-140.64	-221.16	-4.432	-142.38	-224.28	-4.472	-144.13	-227.43
-4.353	-138.97	-218.14	-4.393	-140.69	-221.23	-4.433	-142.42	-224.35	-4.473	-144.17	-227.50
-4.354	-139.01	-218.22	-4.394	-140.73	-221.31	-4.434	-142.46	-224.43	-4.474	-144.21	-227.58
-4.355	-139.05	-218.30	-4.395	-140.77	-221.39	-4.435	-142.51	-224.51	-4.475	-144.26	-227.66
-4.356	-139.10	-218.37	-4.396	-140.82	-221.47	-4.436	-142.55	-224.59	-4.476	-144.30	-227.74
-4.357	-139.14	-218.45	-4.397	-140.86	-221.55	-4.437	-142.59	-224.67	-4.477	-144.35	-227.82
-4.358	-139.18	-218.53	-4.398	-140.90	-221.62	-4.438	-142.64	-224.75	-4.478	-144.39	-227.90
-4.359	-139.22	-218.60	-4.399	-140.94	-221.70	-4.439	-142.68	-224.83	-4.479	-144.43	-227.98

MV	E	F	MV	E	F	MV	E	F	MV	C	F
-4.480	-144.46	-228.06	-4.520	-146.25	-231.25	-4.560	-148.04	-234.46	-4.600	-149.84	-237.72
-4.481	-144.52	-228.14	-4.521	-146.29	-231.33	-4.561	-148.08	-234.55	-4.601	-149.89	-237.80
-4.482	-144.57	-228.22	-4.522	-146.34	-231.41	-4.562	-148.13	-234.63	-4.602	-149.93	-237.88
-4.483	-144.61	-228.30	-4.523	-146.38	-231.49	-4.563	-148.17	-234.71	-4.603	-149.98	-237.96
-4.484	-144.65	-228.38	-4.524	-146.43	-231.57	-4.564	-148.22	-234.79	-4.604	-150.02	-238.04
-4.485	-144.70	-228.46	-4.525	-146.47	-231.65	-4.565	-148.26	-234.87	-4.605	-150.07	-238.12
-4.486	-144.74	-228.54	-4.526	-146.51	-231.73	-4.566	-148.31	-234.95	-4.606	-150.11	-238.21
-4.487	-144.79	-228.61	-4.527	-146.56	-231.81	-4.567	-148.35	-235.03	-4.607	-150.16	-238.29
-4.488	-144.83	-228.69	-4.528	-146.60	-231.89	-4.568	-148.40	-235.11	-4.608	-150.21	-238.37
-4.489	-144.87	-228.77	-4.529	-146.65	-231.97	-4.569	-148.44	-235.19	-4.609	-150.25	-238.45
-4.490	-144.92	-228.85	-4.530	-146.69	-232.05	-4.570	-148.49	-235.27	-4.610	-150.30	-238.53
-4.491	-144.96	-228.93	-4.531	-146.74	-232.13	-4.571	-148.53	-235.36	-4.611	-150.34	-238.62
-4.492	-145.01	-229.01	-4.532	-146.78	-232.21	-4.572	-148.58	-235.44	-4.612	-150.39	-238.70
-4.493	-145.05	-229.09	-4.533	-146.83	-232.29	-4.573	-148.62	-235.52	-4.613	-150.43	-238.78
-4.494	-145.09	-229.17	-4.534	-146.87	-232.37	-4.574	-148.67	-235.60	-4.614	-150.48	-238.86
-4.495	-145.14	-229.25	-4.535	-146.92	-232.45	-4.575	-148.71	-235.68	-4.615	-150.52	-238.94
-4.496	-145.18	-229.33	-4.536	-146.96	-232.53	-4.576	-148.76	-235.76	-4.616	-150.57	-239.03
-4.497	-145.23	-229.41	-4.537	-147.01	-232.61	-4.577	-148.80	-235.84	-4.617	-150.62	-239.11
-4.498	-145.27	-229.49	-4.538	-147.05	-232.69	-4.578	-148.85	-235.92	-4.618	-150.66	-239.19
-4.499	-145.32	-229.57	-4.539	-147.09	-232.77	-4.579	-148.89	-236.00	-4.619	-150.71	-239.27
-4.500	-145.36	-229.65	-4.540	-147.14	-232.85	-4.580	-148.94	-236.09	-4.620	-150.75	-239.35
-4.501	-145.40	-229.73	-4.541	-147.18	-232.93	-4.581	-148.98	-236.17	-4.621	-150.80	-239.44
-4.502	-145.45	-229.81	-4.542	-147.23	-233.01	-4.582	-149.03	-236.25	-4.622	-150.84	-239.52
-4.503	-145.49	-229.89	-4.543	-147.27	-233.09	-4.583	-149.07	-236.33	-4.623	-150.89	-239.60
-4.504	-145.54	-229.97	-4.544	-147.32	-233.17	-4.584	-149.12	-236.41	-4.624	-150.94	-239.68
-4.505	-145.58	-230.05	-4.545	-147.36	-233.25	-4.585	-149.16	-236.49	-4.625	-150.98	-239.77
-4.506	-145.63	-230.13	-4.546	-147.41	-233.33	-4.586	-149.21	-236.57	-4.626	-151.03	-239.85
-4.507	-145.67	-230.21	-4.547	-147.45	-233.41	-4.587	-149.25	-236.66	-4.627	-151.07	-239.93
-4.508	-145.71	-230.29	-4.548	-147.50	-233.50	-4.588	-149.30	-236.74	-4.628	-151.12	-240.01
-4.509	-145.76	-230.37	-4.549	-147.54	-233.58	-4.589	-149.34	-236.82	-4.629	-151.16	-240.09
-4.510	-145.80	-230.45	-4.550	-147.59	-233.66	-4.590	-149.39	-236.90	-4.630	-151.21	-240.18
-4.511	-145.85	-230.53	-4.551	-147.63	-233.74	-4.591	-149.43	-236.98	-4.631	-151.26	-240.26
-4.512	-145.89	-230.61	-4.552	-147.68	-233.82	-4.592	-149.48	-237.06	-4.632	-151.30	-240.34
-4.513	-145.94	-230.69	-4.553	-147.72	-233.90	-4.593	-149.52	-237.14	-4.633	-151.35	-240.42
-4.514	-145.98	-230.77	-4.554	-147.77	-233.98	-4.594	-149.57	-237.23	-4.634	-151.39	-240.51
-4.515	-146.03	-230.85	-4.555	-147.81	-234.06	-4.595	-149.62	-237.31	-4.635	-151.44	-240.59
-4.516	-146.07	-230.93	-4.556	-147.86	-234.14	-4.596	-149.66	-237.39	-4.636	-151.48	-240.67
-4.517	-146.11	-231.01	-4.557	-147.90	-234.22	-4.597	-149.71	-237.47	-4.637	-151.53	-240.75
-4.518	-146.16	-231.09	-4.558	-147.95	-234.30	-4.598	-149.75	-237.55	-4.638	-151.58	-240.84
-4.519	-146.20	-231.17	-4.559	-147.99	-234.38	-4.599	-149.80	-237.63	-4.639	-151.62	-240.92

MV	E	F	MV	E	F	MV	E	F	MV	C	F
-4.640	-151.67	-241.00	-4.680	-153.51	-244.32	-4.720	-155.38	-247.68	-4.760	-157.27	-251.08
-4.641	-151.71	-241.08	-4.681	-153.56	-244.41	-4.721	-155.43	-247.77	-4.761	-157.31	-251.16
-4.642	-151.76	-241.17	-4.682	-153.61	-244.49	-4.722	-155.47	-247.85	-4.762	-157.36	-251.25
-4.643	-151.81	-241.25	-4.683	-153.65	-244.57	-4.723	-155.52	-247.94	-4.763	-157.41	-251.34
-4.644	-151.85	-241.33	-4.684	-153.70	-244.66	-4.724	-155.57	-248.02	-4.764	-157.46	-251.42
-4.645	-151.90	-241.42	-4.685	-153.75	-244.74	-4.725	-155.61	-248.10	-4.765	-157.50	-251.51
-4.646	-151.94	-241.50	-4.686	-153.79	-244.82	-4.726	-155.66	-248.19	-4.766	-157.55	-251.59
-4.647	-151.99	-241.58	-4.687	-153.84	-244.91	-4.727	-155.71	-248.27	-4.767	-157.60	-251.68
-4.648	-152.04	-241.66	-4.688	-153.88	-244.99	-4.728	-155.75	-248.36	-4.768	-157.65	-251.76
-4.649	-152.08	-241.75	-4.689	-153.93	-245.08	-4.729	-155.80	-248.44	-4.769	-157.69	-251.85
-4.650	-152.13	-241.83	-4.690	-153.98	-245.16	-4.730	-155.85	-248.53	-4.770	-157.74	-251.93
-4.651	-152.17	-241.91	-4.691	-154.02	-245.24	-4.731	-155.90	-248.61	-4.771	-157.79	-252.02
-4.652	-152.22	-241.99	-4.692	-154.07	-245.33	-4.732	-155.94	-248.70	-4.772	-157.84	-252.11
-4.653	-152.27	-242.08	-4.693	-154.12	-245.41	-4.733	-155.99	-248.78	-4.773	-157.88	-252.19
-4.654	-152.31	-242.16	-4.694	-154.16	-245.49	-4.734	-156.04	-248.87	-4.774	-157.93	-252.28
-4.655	-152.36	-242.24	-4.695	-154.21	-245.58	-4.735	-156.08	-248.95	-4.775	-157.98	-252.36
-4.656	-152.40	-242.33	-4.696	-154.26	-245.66	-4.736	-156.13	-249.04	-4.776	-158.03	-252.45
-4.657	-152.45	-242.41	-4.697	-154.30	-245.75	-4.737	-156.18	-249.12	-4.777	-158.07	-252.53
-4.658	-152.50	-242.49	-4.698	-154.35	-245.83	-4.738	-156.23	-249.21	-4.778	-158.12	-252.62
-4.659	-152.54	-242.58	-4.699	-154.40	-245.91	-4.739	-156.27	-249.29	-4.779	-158.17	-252.71
-4.660	-152.59	-242.66	-4.700	-154.44	-246.00	-4.740	-156.32	-249.38	-4.780	-158.22	-252.79
-4.661	-152.63	-242.74	-4.701	-154.49	-246.08	-4.741	-156.37	-249.46	-4.781	-158.27	-252.88
-4.662	-152.68	-242.82	-4.702	-154.54	-246.17	-4.742	-156.41	-249.55	-4.782	-158.31	-252.96
-4.663	-152.73	-242.91	-4.703	-154.58	-246.25	-4.743	-156.46	-249.63	-4.783	-158.36	-253.05
-4.664	-152.77	-242.99	-4.704	-154.63	-246.33	-4.744	-156.51	-249.72	-4.784	-158.41	-253.14
-4.665	-152.82	-243.07	-4.705	-154.68	-246.42	-4.745	-156.56	-249.80	-4.785	-158.46	-253.22
-4.666	-152.86	-243.16	-4.706	-154.72	-246.50	-4.746	-156.60	-249.89	-4.786	-158.50	-253.31
-4.667	-152.91	-243.24	-4.707	-154.77	-246.59	-4.747	-156.65	-249.97	-4.787	-158.55	-253.39
-4.668	-152.96	-243.32	-4.708	-154.82	-246.67	-4.748	-156.70	-250.06	-4.788	-158.60	-253.48
-4.669	-153.00	-243.41	-4.709	-154.86	-246.75	-4.749	-156.74	-250.14	-4.789	-158.65	-253.57
-4.670	-153.05	-243.49	-4.710	-154.91	-246.84	-4.750	-156.79	-250.23	-4.790	-158.70	-253.65
-4.671	-153.10	-243.57	-4.711	-154.96	-246.92	-4.751	-156.84	-250.31	-4.791	-158.74	-253.74
-4.672	-153.14	-243.66	-4.712	-155.00	-247.01	-4.752	-156.89	-250.40	-4.792	-158.79	-253.82
-4.673	-153.19	-243.74	-4.713	-155.05	-247.09	-4.753	-156.93	-250.48	-4.793	-158.84	-253.91
-4.674	-153.23	-243.82	-4.714	-155.10	-247.18	-4.754	-156.98	-250.57	-4.794	-158.89	-254.00
-4.675	-153.28	-243.91	-4.715	-155.14	-247.26	-4.755	-157.03	-250.65	-4.795	-158.94	-254.08
-4.676	-153.33	-243.99	-4.716	-155.19	-247.34	-4.756	-157.08	-250.74	-4.796	-158.98	-254.17
-4.677	-153.37	-244.07	-4.717	-155.24	-247.43	-4.757	-157.12	-250.82	-4.797	-159.03	-254.26
-4.678	-153.42	-244.16	-4.718	-155.29	-247.51	-4.758	-157.17	-250.91	-4.798	-159.08	-254.34
-4.679	-153.47	-244.24	-4.719	-155.33	-247.60	-4.759	-157.22	-250.99	-4.799	-159.13	-254.43

MV	C	F	MV	C	F	MV	C	F	MV	C	F
-4.800	-159.18	-254.52	-4.840	-161.11	-257.99	-4.880	-163.06	-261.51	-4.920	-165.04	-265.08
-4.801	-159.22	-254.60	-4.841	-161.16	-258.08	-4.881	-163.11	-261.60	-4.921	-165.09	-265.17
-4.802	-159.27	-254.69	-4.842	-161.20	-258.17	-4.882	-163.16	-261.69	-4.922	-165.14	-265.26
-4.803	-159.32	-254.77	-4.843	-161.25	-258.26	-4.883	-163.21	-261.78	-4.923	-165.19	-265.35
-4.804	-159.37	-254.86	-4.844	-161.30	-258.34	-4.884	-163.26	-261.87	-4.924	-165.24	-265.44
-4.805	-159.42	-254.95	-4.845	-161.35	-258.43	-4.885	-163.31	-261.96	-4.925	-165.29	-265.53
-4.806	-159.46	-255.03	-4.846	-161.40	-258.52	-4.886	-163.36	-262.05	-4.926	-165.34	-265.62
-4.807	-159.51	-255.12	-4.847	-161.45	-258.61	-4.887	-163.41	-262.13	-4.927	-165.39	-265.71
-4.808	-159.56	-255.21	-4.848	-161.50	-258.69	-4.888	-163.46	-262.22	-4.928	-165.44	-265.80
-4.809	-159.61	-255.29	-4.849	-161.55	-258.78	-4.889	-163.51	-262.31	-4.929	-165.49	-265.89
-4.810	-159.66	-255.38	-4.850	-161.59	-258.87	-4.890	-163.56	-262.40	-4.930	-165.54	-265.98
-4.811	-159.70	-255.47	-4.851	-161.64	-258.96	-4.891	-163.61	-262.49	-4.931	-165.59	-266.07
-4.812	-159.75	-255.55	-4.852	-161.69	-259.04	-4.892	-163.65	-262.58	-4.932	-165.64	-266.16
-4.813	-159.80	-255.64	-4.853	-161.74	-259.13	-4.893	-163.70	-262.67	-4.933	-165.69	-266.25
-4.814	-159.85	-255.73	-4.854	-161.79	-259.22	-4.894	-163.75	-262.76	-4.934	-165.74	-266.34
-4.815	-159.90	-255.81	-4.855	-161.84	-259.31	-4.895	-163.80	-262.85	-4.935	-165.79	-266.43
-4.816	-159.95	-255.90	-4.856	-161.89	-259.40	-4.896	-163.85	-262.93	-4.936	-165.84	-266.52
-4.817	-159.99	-255.99	-4.857	-161.94	-259.48	-4.897	-163.90	-263.02	-4.937	-165.89	-266.61
-4.818	-160.04	-256.08	-4.858	-161.98	-259.57	-4.898	-163.95	-263.11	-4.938	-165.94	-266.70
-4.819	-160.09	-256.16	-4.859	-162.03	-259.66	-4.899	-164.00	-263.20	-4.939	-165.99	-266.79
-4.820	-160.14	-256.25	-4.860	-162.08	-259.75	-4.900	-164.05	-263.29	-4.940	-166.04	-266.88
-4.821	-160.19	-256.34	-4.861	-162.13	-259.84	-4.901	-164.10	-263.38	-4.941	-166.09	-266.97
-4.822	-160.23	-256.42	-4.862	-162.18	-259.92	-4.902	-164.15	-263.47	-4.942	-166.14	-267.06
-4.823	-160.28	-256.51	-4.863	-162.23	-260.01	-4.903	-164.20	-263.56	-4.943	-166.19	-267.15
-4.824	-160.33	-256.60	-4.864	-162.28	-260.10	-4.904	-164.25	-263.65	-4.944	-166.24	-267.24
-4.825	-160.38	-256.68	-4.865	-162.33	-260.19	-4.905	-164.30	-263.74	-4.945	-166.30	-267.33
-4.826	-160.43	-256.77	-4.866	-162.38	-260.28	-4.906	-164.35	-263.83	-4.946	-166.35	-267.42
-4.827	-160.48	-256.86	-4.867	-162.42	-260.36	-4.907	-164.40	-263.92	-4.947	-166.40	-267.51
-4.828	-160.53	-256.95	-4.868	-162.47	-260.45	-4.908	-164.45	-264.00	-4.948	-166.45	-267.60
-4.829	-160.57	-257.03	-4.869	-162.52	-260.54	-4.909	-164.50	-264.09	-4.949	-166.50	-267.69
-4.830	-160.62	-257.12	-4.870	-162.57	-260.63	-4.910	-164.55	-264.18	-4.950	-166.55	-267.78
-4.831	-160.67	-257.21	-4.871	-162.62	-260.72	-4.911	-164.60	-264.27	-4.951	-166.60	-267.87
-4.832	-160.72	-257.29	-4.872	-162.67	-260.81	-4.912	-164.65	-264.36	-4.952	-166.65	-267.97
-4.833	-160.77	-257.38	-4.873	-162.72	-260.89	-4.913	-164.70	-264.45	-4.953	-166.70	-268.06
-4.834	-160.82	-257.47	-4.874	-162.77	-260.98	-4.914	-164.75	-264.54	-4.954	-166.75	-268.15
-4.835	-160.86	-257.56	-4.875	-162.82	-261.07	-4.915	-164.80	-264.63	-4.955	-166.80	-268.24
-4.836	-160.91	-257.64	-4.876	-162.87	-261.16	-4.916	-164.84	-264.72	-4.956	-166.85	-268.33
-4.837	-160.96	-257.73	-4.877	-162.92	-261.25	-4.917	-164.89	-264.81	-4.957	-166.90	-268.42
-4.838	-161.01	-257.82	-4.878	-162.96	-261.34	-4.918	-164.94	-264.90	-4.958	-166.95	-268.51
-4.839	-161.06	-257.91	-4.879	-163.01	-261.43	-4.919	-164.99	-264.99	-4.959	-167.00	-268.60

MV	C	F	MV	E	F	MV	C	F	MV	C	F
-4.960	-167.05	-268.69	-5.000	-169.08	-272.35	-5.040	-171.15	-276.06	-5.080	-173.24	-279.83
-4.961	-167.10	-268.78	-5.001	-169.14	-272.44	-5.041	-171.20	-276.16	-5.081	-173.29	-279.92
-4.962	-167.15	-268.87	-5.002	-169.19	-272.54	-5.042	-171.25	-276.25	-5.082	-173.34	-280.02
-4.963	-167.20	-268.96	-5.003	-169.24	-272.63	-5.043	-171.30	-276.35	-5.083	-173.40	-280.11
-4.964	-167.25	-269.06	-5.004	-169.29	-272.72	-5.044	-171.35	-276.44	-5.084	-173.45	-280.21
-4.965	-167.30	-269.15	-5.005	-169.34	-272.81	-5.045	-171.41	-276.53	-5.085	-173.50	-280.30
-4.966	-167.35	-269.24	-5.006	-169.39	-272.91	-5.046	-171.46	-276.63	-5.086	-173.56	-280.40
-4.967	-167.40	-269.33	-5.007	-169.44	-273.00	-5.047	-171.51	-276.72	-5.087	-173.61	-280.49
-4.968	-167.46	-269.42	-5.008	-169.49	-273.09	-5.048	-171.56	-276.81	-5.088	-173.66	-280.59
-4.969	-167.51	-269.51	-5.009	-169.55	-273.18	-5.049	-171.61	-276.91	-5.089	-173.71	-280.68
-4.970	-167.56	-269.60	-5.010	-169.60	-273.28	-5.050	-171.67	-277.00	-5.090	-173.77	-280.78
-4.971	-167.61	-269.69	-5.011	-169.65	-273.37	-5.051	-171.72	-277.09	-5.091	-173.82	-280.87
-4.972	-167.66	-269.78	-5.012	-169.70	-273.46	-5.052	-171.77	-277.19	-5.092	-173.87	-280.97
-4.973	-167.71	-269.88	-5.013	-169.75	-273.55	-5.053	-171.82	-277.28	-5.093	-173.93	-281.07
-4.974	-167.76	-269.97	-5.014	-169.80	-273.65	-5.054	-171.88	-277.38	-5.094	-173.98	-281.16
-4.975	-167.81	-270.06	-5.015	-169.85	-273.74	-5.055	-171.93	-277.47	-5.095	-174.03	-281.26
-4.976	-167.86	-270.15	-5.016	-169.91	-273.83	-5.056	-171.98	-277.56	-5.096	-174.08	-281.35
-4.977	-167.91	-270.24	-5.017	-169.96	-273.92	-5.057	-172.03	-277.66	-5.097	-174.14	-281.45
-4.978	-167.96	-270.33	-5.018	-170.01	-274.02	-5.058	-172.08	-277.75	-5.098	-174.19	-281.54
-4.979	-168.01	-270.42	-5.019	-170.06	-274.11	-5.059	-172.14	-277.85	-5.099	-174.24	-281.64
-4.980	-168.06	-270.52	-5.020	-170.11	-274.20	-5.060	-172.19	-277.94	-5.100	-174.30	-281.73
-4.981	-168.12	-270.61	-5.021	-170.16	-274.29	-5.061	-172.24	-278.03	-5.101	-174.35	-281.83
-4.982	-168.17	-270.70	-5.022	-170.22	-274.39	-5.062	-172.29	-278.13	-5.102	-174.40	-281.92
-4.983	-168.22	-270.79	-5.023	-170.27	-274.48	-5.063	-172.35	-278.22	-5.103	-174.46	-282.02
-4.984	-168.27	-270.88	-5.024	-170.32	-274.57	-5.064	-172.40	-278.32	-5.104	-174.51	-282.12
-4.985	-168.32	-270.97	-5.025	-170.37	-274.67	-5.065	-172.45	-278.41	-5.105	-174.56	-282.21
-4.986	-168.37	-271.07	-5.026	-170.42	-274.76	-5.066	-172.50	-278.51	-5.106	-174.62	-282.31
-4.987	-168.42	-271.16	-5.027	-170.47	-274.85	-5.067	-172.56	-278.60	-5.107	-174.67	-282.40
-4.988	-168.47	-271.25	-5.028	-170.53	-274.95	-5.068	-172.61	-278.69	-5.108	-174.72	-282.50
-4.989	-168.52	-271.34	-5.029	-170.58	-275.04	-5.069	-172.66	-278.79	-5.109	-174.77	-282.59
-4.990	-168.57	-271.43	-5.030	-170.63	-275.13	-5.070	-172.71	-278.88	-5.110	-174.83	-282.69
-4.991	-168.62	-271.52	-5.031	-170.68	-275.22	-5.071	-172.77	-278.98	-5.111	-174.88	-282.79
-4.992	-168.68	-271.62	-5.032	-170.73	-275.32	-5.072	-172.82	-279.07	-5.112	-174.93	-282.88
-4.993	-168.73	-271.71	-5.033	-170.78	-275.41	-5.073	-172.87	-279.17	-5.113	-174.99	-282.98
-4.994	-168.78	-271.80	-5.034	-170.84	-275.50	-5.074	-172.92	-279.26	-5.114	-175.04	-283.07
-4.995	-168.83	-271.89	-5.035	-170.89	-275.60	-5.075	-172.98	-279.36	-5.115	-175.09	-283.17
-4.996	-168.88	-271.98	-5.036	-170.94	-275.69	-5.076	-173.03	-279.45	-5.116	-175.15	-283.27
-4.997	-168.93	-272.08	-5.037	-170.99	-275.78	-5.077	-173.08	-279.55	-5.117	-175.20	-283.36
-4.998	-168.98	-272.17	-5.038	-171.04	-275.88	-5.078	-173.13	-279.64	-5.118	-175.25	-283.46
-4.999	-169.03	-272.26	-5.039	-171.10	-275.97	-5.079	-173.19	-279.74	-5.119	-175.31	-283.55

MV	E	F	MV	E	F	MV	E	F	MV	C	F
-5.120	-175.36	-263.65	-5.160	-177.52	-287.53	-5.200	-179.71	-291.47	-5.240	-181.93	-295.48
-5.121	-175.42	-263.75	-5.161	-177.57	-287.63	-5.201	-179.76	-291.57	-5.241	-181.99	-295.58
-5.122	-175.47	-263.84	-5.162	-177.63	-287.73	-5.202	-179.82	-291.67	-5.242	-182.05	-295.68
-5.123	-175.52	-263.94	-5.163	-177.68	-287.82	-5.203	-179.87	-291.77	-5.243	-182.10	-295.78
-5.124	-175.58	-264.04	-5.164	-177.73	-287.92	-5.204	-179.93	-291.87	-5.244	-182.16	-295.88
-5.125	-175.63	-264.13	-5.165	-177.79	-288.02	-5.205	-179.98	-291.97	-5.245	-182.21	-295.99
-5.126	-175.68	-264.23	-5.166	-177.84	-288.12	-5.206	-180.04	-292.07	-5.246	-182.27	-296.09
-5.127	-175.74	-264.33	-5.167	-177.90	-288.22	-5.207	-180.09	-292.17	-5.247	-182.33	-296.19
-5.128	-175.79	-264.42	-5.168	-177.95	-288.31	-5.208	-180.15	-292.27	-5.248	-182.38	-296.29
-5.129	-175.84	-264.52	-5.169	-178.01	-288.41	-5.209	-180.20	-292.37	-5.249	-182.44	-296.39
-5.130	-175.90	-264.62	-5.170	-178.06	-288.51	-5.210	-180.26	-292.47	-5.250	-182.50	-296.49
-5.131	-175.95	-264.71	-5.171	-178.12	-288.61	-5.211	-180.32	-292.57	-5.251	-182.55	-296.59
-5.132	-176.00	-264.81	-5.172	-178.17	-288.71	-5.212	-180.37	-292.67	-5.252	-182.61	-296.70
-5.133	-176.06	-264.91	-5.173	-178.23	-288.81	-5.213	-180.43	-292.77	-5.253	-182.66	-296.80
-5.134	-176.11	-265.00	-5.174	-178.28	-288.90	-5.214	-180.48	-292.87	-5.254	-182.72	-296.90
-5.135	-176.17	-265.10	-5.175	-178.33	-289.00	-5.215	-180.54	-292.97	-5.255	-182.78	-297.00
-5.136	-176.22	-265.20	-5.176	-178.39	-289.10	-5.216	-180.59	-293.07	-5.256	-182.83	-297.10
-5.137	-176.27	-265.29	-5.177	-178.44	-289.20	-5.217	-180.65	-293.17	-5.257	-182.89	-297.20
-5.138	-176.33	-265.39	-5.178	-178.50	-289.30	-5.218	-180.70	-293.27	-5.258	-182.95	-297.31
-5.139	-176.38	-265.49	-5.179	-178.55	-289.40	-5.219	-180.76	-293.37	-5.259	-183.00	-297.41
-5.140	-176.44	-265.58	-5.180	-178.61	-289.49	-5.220	-180.82	-293.47	-5.260	-183.06	-297.51
-5.141	-176.49	-265.68	-5.181	-178.66	-289.59	-5.221	-180.87	-293.57	-5.261	-183.12	-297.61
-5.142	-176.54	-265.78	-5.182	-178.72	-289.69	-5.222	-180.93	-293.67	-5.262	-183.17	-297.71
-5.143	-176.60	-265.87	-5.183	-178.77	-289.79	-5.223	-180.98	-293.77	-5.263	-183.23	-297.81
-5.144	-176.65	-265.97	-5.184	-178.83	-289.89	-5.224	-181.04	-293.87	-5.264	-183.29	-297.92
-5.145	-176.71	-266.07	-5.185	-178.88	-289.99	-5.225	-181.09	-293.97	-5.265	-183.34	-298.02
-5.146	-176.76	-266.17	-5.186	-178.94	-290.09	-5.226	-181.15	-294.07	-5.266	-183.40	-298.12
-5.147	-176.81	-266.26	-5.187	-178.99	-290.18	-5.227	-181.21	-294.17	-5.267	-183.46	-298.22
-5.148	-176.87	-266.36	-5.188	-179.05	-290.28	-5.228	-181.26	-294.27	-5.268	-183.51	-298.33
-5.149	-176.92	-266.46	-5.189	-179.10	-290.38	-5.229	-181.32	-294.37	-5.269	-183.57	-298.43
-5.150	-176.98	-266.56	-5.190	-179.16	-290.48	-5.230	-181.37	-294.47	-5.270	-183.63	-298.53
-5.151	-177.03	-266.65	-5.191	-179.21	-290.58	-5.231	-181.43	-294.57	-5.271	-183.68	-298.63
-5.152	-177.08	-266.75	-5.192	-179.27	-290.68	-5.232	-181.49	-294.67	-5.272	-183.74	-298.73
-5.153	-177.14	-266.85	-5.193	-179.32	-290.78	-5.233	-181.54	-294.77	-5.273	-183.80	-298.84
-5.154	-177.19	-266.95	-5.194	-179.38	-290.88	-5.234	-181.60	-294.87	-5.274	-183.86	-298.94
-5.155	-177.25	-267.04	-5.195	-179.43	-290.98	-5.235	-181.65	-294.98	-5.275	-183.91	-299.04
-5.156	-177.30	-267.14	-5.196	-179.49	-291.08	-5.236	-181.71	-295.08	-5.276	-183.97	-299.14
-5.157	-177.35	-267.24	-5.197	-179.54	-291.18	-5.237	-181.76	-295.18	-5.277	-184.03	-299.25
-5.158	-177.41	-267.34	-5.198	-179.60	-291.27	-5.238	-181.82	-295.28	-5.278	-184.08	-299.35
-5.159	-177.46	-267.43	-5.199	-179.65	-291.37	-5.239	-181.88	-295.38	-5.279	-184.14	-299.45

SECTION II

MILLIVOLT-TEMPERATURE CONVERSION TABLES FOR

0°C to 100°C

32°F to 212°F

MV	C	F	MV	C	F	MV	C	F	MV	C	F	MV	C	F
.000	.00	32.00	.040	1.04	35.86	.080	2.08	35.74	.120	3.11	37.60	.160	4.15	39.46
.001	.03	32.05	.041	1.07	35.92	.081	2.10	35.79	.121	3.14	37.65	.161	4.18	39.49
.002	.05	32.10	.042	1.09	35.97	.082	2.13	35.84	.122	3.17	37.70	.162	4.21	39.52
.003	.08	32.14	.043	1.12	36.02	.083	2.16	35.88	.123	3.19	37.74	.163	4.24	39.55
.004	.11	32.19	.044	1.15	36.06	.084	2.18	35.93	.124	3.22	37.79	.164	4.27	39.58
.005	.13	32.24	.045	1.17	36.11	.085	2.21	35.98	.125	3.24	37.84	.165	4.30	39.61
.006	.16	32.29	.046	1.20	36.16	.086	2.23	36.02	.126	3.27	37.88	.166	4.33	39.64
.007	.18	32.33	.047	1.22	36.20	.087	2.26	36.07	.127	3.29	37.93	.167	4.36	39.67
.008	.21	32.38	.048	1.25	36.25	.088	2.29	36.12	.128	3.32	37.98	.168	4.39	39.70
.009	.24	32.43	.049	1.28	36.30	.089	2.31	36.16	.129	3.35	38.02	.169	4.42	39.73
.010	.26	32.47	.050	1.30	36.34	.090	2.34	36.21	.130	3.37	38.07	.170	4.45	39.76
.011	.29	32.52	.051	1.33	36.39	.091	2.36	36.25	.131	3.40	38.12	.171	4.48	39.79
.012	.31	32.57	.052	1.35	36.44	.092	2.39	36.30	.132	3.42	38.16	.172	4.51	39.82
.013	.34	32.61	.053	1.38	36.48	.093	2.42	36.35	.133	3.45	38.21	.173	4.54	39.85
.014	.37	32.66	.054	1.41	36.53	.094	2.44	36.39	.134	3.47	38.25	.174	4.57	39.88
.015	.39	32.71	.055	1.43	36.58	.095	2.47	36.44	.135	3.50	38.30	.175	4.60	39.91
.016	.42	32.75	.056	1.46	36.62	.096	2.49	36.49	.136	3.53	38.35	.176	4.63	39.94
.017	.44	32.80	.057	1.48	36.67	.097	2.52	36.53	.137	3.55	38.39	.177	4.66	39.97
.018	.47	32.85	.058	1.51	36.72	.098	2.54	36.58	.138	3.58	38.44	.178	4.69	39.99
.019	.50	32.89	.059	1.53	36.76	.099	2.57	36.63	.139	3.60	38.49	.179	4.72	40.02
.020	.52	32.94	.060	1.56	36.81	.100	2.60	36.67	.140	3.63	38.53	.180	4.75	40.05
.021	.55	32.99	.061	1.59	36.86	.101	2.62	36.72	.141	3.66	38.58	.181	4.78	40.08
.022	.57	33.03	.062	1.61	36.90	.102	2.65	36.77	.142	3.68	38.63	.182	4.81	40.11
.023	.60	33.08	.063	1.64	36.95	.103	2.67	36.81	.143	3.71	38.67	.183	4.84	40.14
.024	.63	33.13	.064	1.66	37.00	.104	2.70	36.86	.144	3.73	38.72	.184	4.87	40.17
.025	.65	33.17	.065	1.69	37.04	.105	2.73	36.91	.145	3.76	38.77	.185	4.90	40.20
.026	.68	33.22	.066	1.72	37.09	.106	2.75	36.95	.146	3.78	38.81	.186	4.93	40.23
.027	.70	33.27	.067	1.74	37.14	.107	2.78	37.00	.147	3.81	38.86	.187	4.96	40.26
.028	.73	33.31	.068	1.77	37.18	.108	2.80	37.05	.148	3.84	38.90	.188	4.99	4

MV	C	F	MV	C	F	MV	C	F	MV	C	F	MV	C	F
.160	4.15	39.46	.200	5.17	41.31	.240	6.20	43.16	.280	7.23	45.01	.320	8.26	46.86
.161	4.17	39.51	.201	5.20	41.36	.241	6.23	43.21	.281	7.25	45.05	.321	8.28	46.90
.162	4.20	39.55	.202	5.23	41.41	.242	6.25	43.25	.282	7.28	45.10	.322	8.31	46.95
.163	4.22	39.60	.203	5.25	41.45	.243	6.28	43.30	.283	7.30	45.14	.323	8.34	47.00
.164	4.25	39.65	.204	5.28	41.50	.244	6.30	43.35	.284	7.33	45.19	.324	8.37	47.05
.165	4.27	39.69	.205	5.30	41.55	.245	6.33	43.39	.285	7.35	45.24	.325	8.40	47.10
.166	4.30	39.74	.206	5.33	41.59	.246	6.36	43.44	.286	7.38	45.28	.326	8.43	47.15
.167	4.33	39.79	.207	5.35	41.64	.247	6.38	43.49	.287	7.40	45.33	.327	8.46	47.20
.168	4.35	39.83	.208	5.38	41.68	.248	6.41	43.53	.288	7.43	45.37	.328	8.49	47.25
.169	4.38	39.88	.209	5.41	41.73	.249	6.43	43.58	.289	7.46	45.42	.329	8.52	47.30
.170	4.40	39.93	.210	5.43	41.78	.250	6.46	43.62	.290	7.48	45.47	.330	8.55	47.35
.171	4.43	39.97	.211	5.46	41.82	.251	6.48	43.67	.291	7.51	45.51	.331	8.58	47.40
.172	4.45	40.02	.212	5.48	41.87	.252	6.51	43.72	.292	7.53	45.56	.332	8.61	47.45
.173	4.48	40.06	.213	5.51	41.92	.253	6.53	43.76	.293	7.56	45.60	.333	8.64	47.50
.174	4.51	40.11	.214	5.53	41.96	.254	6.56	43.81	.294	7.58	45.65	.334	8.67	47.55
.175	4.53	40.16	.215	5.56	42.01	.255	6.59	43.85	.295	7.61	45.70	.335	8.70	47.60
.176	4.56	40.20	.216	5.59	42.05	.256	6.61	43.90	.296	7.63	45.74	.336	8.73	47.65
.177	4.58	40.25	.217	5.61	42.10	.257	6.64	43.95	.297	7.66	45.79	.337	8.76	47.70
.178	4.61	40.30	.218	5.64	42.15	.258	6.66	43.99	.298	7.69	45.83	.338	8.79	47.75
.179	4.63	40.34	.219	5.66	42.19	.259	6.69	44.04	.299	7.71	45.88	.339	8.82	47.80
.180	4.66	40.39	.220	5.69	42.24	.260	6.71	44.08	.300	7.74	45.93	.340	8.85	47.85
.181	4.69	40.43	.221	5.71	42.29	.261	6.74	44.13	.301	7.76	45.97	.341	8.88	47.90
.182	4.71	40.48	.222	5.74	42.33	.262	6.76	44.18	.302	7.79	46.02	.342	8.91	47.95
.183	4.74	40.53	.223	5.77	42.38	.263	6.79	44.22	.303	7.81	46.06	.343	8.94	48.00
.184	4.76	40.57	.224	5.79	42.42	.264	6.82	44.27	.304	7.84	46.11	.344	8.97	48.05
.185	4.79	40.62	.225	5.82	42.47	.265	6.84	44.32	.305	7.86	46.16	.345	9.00	48.10
.186	4.81	40.67	.226	5.84	42.52	.266	6.87	44.36	.306	7.89	46.20	.346	9.03	48.15
.187	4.84	40.71	.227	5.87	42.56	.267	6.89	44.41	.307	7.92	46.25	.347	9.06	48.20
.188	4.87	40.76	.228	5.89	42.61	.268	6.92	44.45	.308	7.94	46.29	.348	9.09	48.25
.189	4.89	40.81	.229	5.92	42.65	.269	6.94	44.50	.309	7.97	46.34	.349	9.12	48.30
.190	4.92	40.85	.230	5.94	42.70	.270	6.97	44.55	.310	7.99	46.39	.350	9.15	48.35
.191	4.94	40.90	.231	5.97	42.75	.271	7.00	44.59	.311	8.02	46.43	.351	9.18	48.40
.192	4.97	40.94	.232	5.99	42.79	.272	7.02	44.64	.312	8.04	46.48	.352	9.21	48.45
.193	4.99	40.99	.233	6.02	42.84	.273	7.05	44.68	.313	8.07	46.52	.353	9.24	48.50
.194	5.02	41.04	.234	6.05	42.89	.274	7.07	44.73	.314	8.09	46.57	.354	9.27	48.55
.195	5.05	41.08	.235	6.07	42.93	.275	7.10	44.78	.315	8.12	46.62	.355	9.30	48.60
.196	5.07	41.13	.236	6.10	42.98	.276	7.12	44.82	.316	8.15	46.66	.356	9.33	48.65
.197	5.10	41.18	.237	6.12	43.02	.277	7.15	44.87	.317	8.17	46.71	.357	9.36	48.70
.198	5.12	41.22	.238	6.15	43.07	.278	7.17	44.91	.318	8.20	46.75	.358	9.39	48.75
.199	5.15	41.27	.239	6.18	43.12	.279	7.20	44.96	.319	8.22	46.80	.359	9.42	48.80

MV	C	F	MV	C	F	MV	C	F	MV	C	F
.320	8.25	46.85	.360	9.27	48.88	.400	10.28	50.51	.440	11.30	52.34
.321	8.27	46.89	.361	9.29	48.73	.401	10.31	50.56	.441	11.32	52.38
.322	8.30	46.94	.362	9.32	48.71	.402	10.33	50.60	.442	11.35	52.43
.323	8.32	46.98	.363	9.34	48.82	.403	10.36	50.65	.443	11.37	52.47
.324	8.35	47.03	.364	9.37	48.86	.404	10.38	50.69	.444	11.40	52.52
.325	8.37	47.07	.365	9.39	48.91	.405	10.41	50.74	.445	11.42	52.56
.326	8.40	47.12	.366	9.42	48.95	.406	10.44	50.78	.446	11.45	52.61
.327	8.43	47.17	.367	9.44	49.00	.407	10.46	50.83	.447	11.48	52.66
.328	8.45	47.21	.368	9.47	49.05	.408	10.49	50.88	.448	11.50	52.70
.329	8.48	47.26	.369	9.50	49.09	.409	10.51	50.92	.449	11.53	52.75
.330	8.50	47.30	.370	9.52	49.14	.410	10.54	50.97	.450	11.55	52.79
.331	8.53	47.35	.371	9.55	49.18	.411	10.56	51.01	.451	11.58	52.84
.332	8.55	47.40	.372	9.57	49.23	.412	10.59	51.06	.452	11.60	52.88
.333	8.58	47.44	.373	9.60	49.28	.413	10.61	51.10	.453	11.63	52.93
.334	8.60	47.49	.374	9.62	49.32	.414	10.64	51.15	.454	11.65	52.97
.335	8.63	47.53	.375	9.65	49.37	.415	10.66	51.20	.455	11.68	53.02
.336	8.66	47.58	.376	9.67	49.41	.416	10.69	51.24	.456	11.70	53.07
.337	8.68	47.63	.377	9.70	49.46	.417	10.71	51.29	.457	11.73	53.11
.338	8.71	47.67	.378	9.72	49.50	.418	10.74	51.33	.458	11.75	53.16
.339	8.73	47.72	.379	9.75	49.55	.419	10.77	51.38	.459	11.78	53.20
.340	8.76	47.76	.380	9.78	49.60	.420	10.79	51.42	.460	11.80	53.25
.341	8.78	47.81	.381	9.80	49.64	.421	10.82	51.47	.461	11.83	53.29
.342	8.81	47.85	.382	9.83	49.69	.422	10.84	51.51	.462	11.85	53.34
.343	8.83	47.90	.383	9.85	49.73	.423	10.87	51.56	.463	11.88	53.38
.344	8.86	47.95	.384	9.88	49.78	.424	10.89	51.61	.464	11.91	53.43
.345	8.88	47.99	.385	9.90	49.82	.425	10.92	51.65	.465	11.93	53.48
.346	8.91	48.04	.386	9.93	49.87	.426	10.94	51.70	.466	11.96	53.52
.347	8.94	48.08	.387	9.95	49.92	.427	10.97	51.74	.467	11.98	53.57
.348	8.96	48.13	.388	9.98	49.96	.428	10.99	51.79	.468	12.01	53.61
.349	8.99	48.18	.389	10.00	50.01	.429	11.02	51.83	.469	12.03	53.66
.350	9.01	48.22	.390	10.03	50.05	.430	11.04	51.88	.470	12.06	53.70
.351	9.04	48.27	.391	10.05	50.10	.431	11.07	51.93	.471	12.08	53.75
.352	9.06	48.31	.392	10.08	50.14	.432	11.10	51.97	.472	12.11	53.79
.353	9.09	48.36	.393	10.11	50.19	.433	11.12	52.02	.473	12.13	53.84
.354	9.11	48.40	.394	10.13	50.24	.434	11.15	52.06	.474	12.16	53.88
.355	9.14	48.45	.395	10.16	50.28	.435	11.17	52.11	.475	12.18	53.93
.356	9.16	48.50	.396	10.18	50.33	.436	11.20	52.15	.476	12.21	53.98
.357	9.19	48.54	.397	10.21	50.37	.437	11.22	52.20	.477	12.23	54.02
.358	9.22	48.59	.398	10.23	50.42	.438	11.25	52.24	.478	12.26	54.07
.359	9.24	48.63	.399	10.26	50.46	.439	11.27	52.29	.479	12.28	54.11

MV	C	F	MV	C	F	MV	C	F	MV	C	F
.400	12.31	54.16	.520	13.32	55.95	.500	14.33	57.79	.600	15.33	59.60
.401	12.34	54.20	.521	13.34	56.02	.501	14.35	57.83	.601	15.36	59.64
.402	12.36	54.25	.522	13.37	56.07	.502	14.38	57.88	.602	15.38	59.69
.403	12.39	54.29	.523	13.40	56.11	.503	14.40	57.92	.603	15.41	59.73
.404	12.41	54.34	.524	13.42	56.16	.504	14.43	57.97	.604	15.43	59.78
.405	12.44	54.39	.525	13.45	56.20	.505	14.45	58.01	.605	15.46	59.82
.406	12.46	54.43	.526	13.47	56.25	.506	14.48	58.06	.606	15.48	59.87
.407	12.49	54.48	.527	13.50	56.29	.507	14.50	58.11	.607	15.51	59.91
.408	12.51	54.52	.528	13.52	56.34	.508	14.53	58.15	.608	15.53	59.96
.409	12.54	54.57	.529	13.55	56.38	.509	14.55	58.20	.609	15.56	60.00
.490	12.56	54.61	.530	13.57	56.43	.570	14.58	58.24	.610	15.58	60.05
.491	12.59	54.66	.531	13.60	56.47	.571	14.60	58.29	.611	15.61	60.09
.492	12.61	54.70	.532	13.62	56.52	.572	14.63	58.33	.612	15.63	60.14
.493	12.64	54.75	.533	13.65	56.56	.573	14.65	58.38	.613	15.66	60.18
.494	12.66	54.79	.534	13.67	56.61	.574	14.68	58.42	.614	15.68	60.23
.495	12.69	54.84	.535	13.70	56.66	.575	14.70	58.47	.615	15.71	60.27
.496	12.71	54.89	.536	13.72	56.70	.576	14.73	58.51	.616	15.73	60.32
.497	12.74	54.93	.537	13.75	56.75	.577	14.75	58.56	.617	15.76	60.36
.498	12.76	54.98	.538	13.77	56.79	.578	14.78	58.60	.618	15.78	60.41
.499	12.79	55.02	.539	13.80	56.84	.579	14.80	58.65	.619	15.81	60.46
.500	12.81	55.07	.540	13.82	56.88	.580	14.83	58.69	.620	15.83	60.50
.501	12.84	55.11	.541	13.85	56.93	.581	14.85	58.74	.621	15.86	60.55
.502	12.87	55.16	.542	13.87	56.97	.582	14.88	58.78	.622	15.88	60.59
.503	12.89	55.20	.543	13.90	57.02	.583	14.91	58.83	.623	15.91	60.64
.504	12.92	55.25	.544	13.92	57.06	.584	14.93	58.87	.624	15.93	60.68
.505	12.94	55.29	.545	13.95	57.11	.585	14.96	58.92	.625	15.96	60.73
.506	12.97	55.34	.546	13.97	57.15	.586	14.98	58.96	.626	15.98	60.77
.507	12.99	55.38	.547	14.00	57.20	.587	15.01	59.01	.627	16.01	60.82
.508	13.02	55.43	.548	14.02	57.24	.588	15.03	59.06	.628	16.03	60.86
.509	13.04	55.48	.549	14.05	57.29	.589	15.06	59.10	.629	16.06	60.91
.510	13.07	55.52	.550	14.08	57.34	.590	15.08	59.15	.630	16.08	60.95
.511	13.09	55.57	.551	14.10	57.38	.591	15.11	59.19	.631	16.11	61.00
.512	13.12	55.61	.552	14.13	57.43	.592	15.13	59.24	.632	16.13	61.04
.513	13.14	55.66	.553	14.15	57.47	.593	15.16	59.28	.633	16.16	61.09
.514	13.17	55.70	.554	14.18	57.52	.594	15.18	59.33	.634	16.18	61.13
.515	13.19	55.75	.555	14.20	57.56	.595	15.21	59.37	.635	16.21	61.18
.516	13.22	55.79	.556	14.23	57.61	.596	15.23	59.42	.636	16.23	61.22
.517	13.24	55.84	.557	14.25	57.65	.597	15.26	59.46	.637	16.26	61.27
.518	13.27	55.88	.558	14.28	57.70	.598	15.28	59.51	.638	16.28	61.31
.519	13.29	55.93	.559	14.30	57.74	.599	15.31	59.55	.639	16.31	61.36

MV	C	F	MV	C	F	MV	C	F	MV	C	F
.640	16.33	61.40	.680	17.34	63.20	.720	18.33	65.00	.760	19.33	66.79
.641	16.36	61.45	.681	17.36	63.25	.721	18.36	65.04	.761	19.35	66.84
.642	16.38	61.49	.682	17.38	63.29	.722	18.38	65.09	.762	19.36	66.86
.643	16.41	61.54	.683	17.41	63.34	.723	18.41	65.13	.763	19.40	66.93
.644	16.43	61.58	.684	17.43	63.38	.724	18.43	65.18	.764	19.43	66.97
.645	16.46	61.63	.685	17.46	63.43	.725	18.46	65.22	.765	19.45	67.02
.646	16.48	61.67	.686	17.48	63.47	.726	18.48	65.27	.766	19.48	67.06
.647	16.51	61.72	.687	17.51	63.52	.727	18.51	65.31	.767	19.50	67.11
.648	16.53	61.76	.688	17.53	63.56	.728	18.53	65.36	.768	19.53	67.15
.649	16.56	61.81	.689	17.56	63.61	.729	18.56	65.40	.769	19.55	67.20
.650	16.58	61.85	.690	17.58	63.65	.730	18.58	65.45	.770	19.58	67.24
.651	16.61	61.90	.691	17.61	63.70	.731	18.61	65.49	.771	19.60	67.26
.652	16.63	61.94	.692	17.63	63.74	.732	18.63	65.54	.772	19.63	67.33
.653	16.66	61.99	.693	17.66	63.79	.733	18.66	65.58	.773	19.65	67.37
.654	16.68	62.03	.694	17.68	63.83	.734	18.68	65.63	.774	19.68	67.42
.655	16.71	62.08	.695	17.71	63.88	.735	18.71	65.67	.775	19.70	67.46
.656	16.74	62.12	.696	17.73	63.92	.736	18.73	65.72	.776	19.73	67.51
.657	16.76	62.17	.697	17.76	63.97	.737	18.76	65.76	.777	19.75	67.55
.658	16.79	62.21	.698	17.78	64.01	.738	18.78	65.81	.778	19.78	67.60
.659	16.81	62.26	.699	17.81	64.06	.739	18.81	65.85	.779	19.80	67.64
.660	16.84	62.30	.700	17.83	64.10	.740	18.83	65.90	.780	19.83	67.69
.661	16.86	62.35	.701	17.86	64.15	.741	18.86	65.94	.781	19.85	67.73
.662	16.89	62.39	.702	17.89	64.19	.742	18.89	65.99	.782	19.88	67.76
.663	16.91	62.44	.703	17.91	64.24	.743	18.91	66.03	.783	19.90	67.82
.664	16.94	62.48	.704	17.93	64.28	.744	18.93	66.08	.784	19.93	67.87
.665	16.96	62.53	.705	17.96	64.33	.745	18.96	66.12	.785	19.95	67.91
.666	16.99	62.57	.706	17.98	64.37	.746	18.98	66.17	.786	19.98	67.96
.667	17.01	62.62	.707	18.01	64.42	.747	19.01	66.21	.787	20.00	68.00
.668	17.04	62.66	.708	18.03	64.46	.748	19.03	66.26	.788	20.02	68.04
.669	17.06	62.71	.709	18.06	64.51	.749	19.06	66.30	.789	20.05	68.09
.670	17.09	62.75	.710	18.08	64.55	.750	19.08	66.34	.790	20.07	68.13
.671	17.11	62.80	.711	18.11	64.60	.751	19.11	66.39	.791	20.10	68.16
.672	17.14	62.84	.712	18.13	64.64	.752	19.13	66.43	.792	20.12	68.22
.673	17.16	62.89	.713	18.16	64.69	.753	19.15	66.48	.793	20.15	68.27
.674	17.19	62.93	.714	18.18	64.73	.754	19.18	66.52	.794	20.17	68.31
.675	17.21	62.98	.715	18.21	64.78	.755	19.20	66.57	.795	20.20	68.36
.676	17.24	63.02	.716	18.24	64.82	.756	19.23	66.61	.796	20.22	68.40
.677	17.26	63.07	.717	18.26	64.87	.757	19.25	66.66	.797	20.25	68.45
.678	17.29	63.11	.718	18.28	64.91	.758	19.28	66.70	.798	20.27	68.49
.679	17.31	63.16	.719	18.31	64.95	.759	19.30	66.75	.799	20.30	68.54

MV	C	F	MV	C	F	MV	C	F	MV	C	F
.800	20.32	68.58	.840	21.31	70.37	.880	22.30	72.15	.920	23.29	73.92
.801	20.35	68.63	.841	21.34	70.41	.881	22.33	72.19	.921	23.32	73.97
.802	20.37	68.67	.842	21.36	70.46	.882	22.35	72.24	.922	23.34	74.01
.803	20.40	68.72	.843	21.39	70.50	.883	22.38	72.28	.923	23.36	74.06
.804	20.42	68.76	.844	21.41	70.54	.884	22.40	72.32	.924	23.39	74.10
.805	20.45	68.80	.845	21.44	70.59	.885	22.43	72.37	.925	23.41	74.15
.806	20.47	68.85	.846	21.46	70.63	.886	22.45	72.41	.926	23.44	74.19
.807	20.50	68.89	.847	21.49	70.68	.887	22.48	72.46	.927	23.46	74.23
.808	20.52	68.94	.848	21.51	70.72	.888	22.50	72.50	.928	23.49	74.28
.809	20.55	68.98	.849	21.54	70.77	.889	22.53	72.55	.929	23.51	74.32
.810	20.57	69.03	.850	21.56	70.81	.890	22.55	72.59	.930	23.54	74.37
.811	20.60	69.07	.851	21.59	70.86	.891	22.58	72.64	.931	23.56	74.41
.812	20.62	69.12	.852	21.61	70.90	.892	22.60	72.68	.932	23.59	74.46
.813	20.65	69.16	.853	21.64	70.95	.893	22.62	72.72	.933	23.61	74.50
.814	20.67	69.21	.854	21.66	70.99	.894	22.65	72.77	.934	23.64	74.54
.815	20.69	69.25	.855	21.69	71.03	.895	22.67	72.81	.935	23.66	74.59
.816	20.72	69.30	.856	21.71	71.08	.896	22.70	72.86	.936	23.69	74.63
.817	20.74	69.34	.857	21.74	71.12	.897	22.72	72.90	.937	23.71	74.68
.818	20.77	69.38	.858	21.76	71.17	.898	22.75	72.95	.938	23.73	74.72
.819	20.79	69.43	.859	21.78	71.21	.899	22.77	72.99	.939	23.76	74.77
.820	20.82	69.47	.860	21.81	71.26	.900	22.80	73.04	.940	23.78	74.81
.821	20.84	69.52	.861	21.83	71.30	.901	22.82	73.08	.941	23.81	74.85
.822	20.87	69.56	.862	21.86	71.35	.902	22.85	73.12	.942	23.83	74.90
.823	20.89	69.61	.863	21.88	71.39	.903	22.87	73.17	.943	23.86	74.94
.824	20.92	69.65	.864	21.91	71.43	.904	22.90	73.21	.944	23.88	74.99
.825	20.94	69.70	.865	21.93	71.48	.905	22.92	73.26	.945	23.91	75.03
.826	20.97	69.74	.866	21.96	71.52	.906	22.95	73.30	.946	23.93	75.08
.827	20.99	69.79	.867	21.98	71.57	.907	22.97	73.35	.947	23.96	75.12
.828	21.02	69.83	.868	22.01	71.61	.908	22.99	73.39	.948	23.98	75.17
.829	21.04	69.88	.869	22.03	71.66	.909	23.02	73.44	.949	24.01	75.21
.830	21.07	69.92	.870	22.06	71.70	.910	23.04	73.48	.950	24.03	75.25
.831	21.09	69.96	.871	22.08	71.75	.911	23.07	73.52	.951	24.05	75.30
.832	21.12	70.01	.872	22.11	71.79	.912	23.09	73.57	.952	24.08	75.34
.833	21.14	70.05	.873	22.13	71.84	.913	23.12	73.61	.953	24.10	75.39
.834	21.17	70.10	.874	22.16	71.88	.914	23.14	73.66	.954	24.13	75.43
.835	21.19	70.14	.875	22.18	71.92	.915	23.17	73.70	.955	24.15	75.48
.836	21.22	70.19	.876	22.20	71.97	.916	23.19	73.75	.956	24.18	75.52
.837	21.24	70.23	.877	22.23	72.01	.917	23.22	73.79	.957	24.20	75.56
.838	21.26	70.28	.878	22.25	72.06	.918	23.24	73.83	.958	24.23	75.61
.839	21.29	70.32	.879	22.28	72.10	.919	23.27	73.88	.959	24.25	75.65

MV	C	F	MV	C	F	MV	C	F	MV	C	F
.960	24.28	75.70	1.000	25.26	77.47	1.040	26.24	79.23	1.080	27.22	80.99
.961	24.30	75.74	1.001	25.28	77.51	1.041	26.26	79.28	1.081	27.24	81.04
.962	24.33	75.77	1.002	25.31	77.55	1.042	26.29	79.32	1.082	27.27	81.08
.963	24.35	75.83	1.003	25.33	77.60	1.043	26.31	79.36	1.083	27.29	81.13
.964	24.37	75.87	1.004	25.36	77.64	1.044	26.34	79.41	1.084	27.32	81.17
.965	24.40	75.92	1.005	25.38	77.69	1.045	26.36	79.45	1.085	27.34	81.21
.966	24.42	75.96	1.006	25.41	77.73	1.046	26.39	79.50	1.086	27.37	81.26
.967	24.45	76.01	1.007	25.43	77.78	1.047	26.41	79.54	1.087	27.39	81.30
.968	24.47	76.05	1.008	25.46	77.82	1.048	26.44	79.58	1.088	27.41	81.35
.969	24.50	76.10	1.009	25.48	77.86	1.049	26.46	79.63	1.089	27.44	81.39
.970	24.52	76.14	1.010	25.50	77.91	1.050	26.48	79.67	1.090	27.46	81.43
.971	24.55	76.18	1.011	25.53	77.95	1.051	26.51	79.72	1.091	27.49	81.48
.972	24.57	76.23	1.012	25.55	78.00	1.052	26.53	79.76	1.092	27.51	81.52
.973	24.60	76.27	1.013	25.58	78.04	1.053	26.56	79.80	1.093	27.54	81.57
.974	24.62	76.32	1.014	25.60	78.08	1.054	26.58	79.85	1.094	27.56	81.61
.975	24.64	76.36	1.015	25.63	78.13	1.055	26.61	79.89	1.095	27.59	81.65
.976	24.67	76.40	1.016	25.65	78.17	1.056	26.63	79.94	1.096	27.61	81.70
.977	24.69	76.45	1.017	25.68	78.22	1.057	26.66	79.98	1.097	27.63	81.74
.978	24.72	76.49	1.018	25.70	78.26	1.058	26.68	80.02	1.098	27.66	81.78
.979	24.74	76.54	1.019	25.73	78.31	1.059	26.70	80.07	1.099	27.68	81.83
.980	24.77	76.58	1.020	25.75	78.35	1.060	26.73	80.11	1.100	27.71	81.87
.981	24.79	76.63	1.021	25.77	78.39	1.061	26.75	80.16	1.101	27.73	81.92
.982	24.82	76.67	1.022	25.80	78.44	1.062	26.78	80.20	1.102	27.76	81.96
.983	24.84	76.71	1.023	25.82	78.48	1.063	26.80	80.25	1.103	27.78	82.00
.984	24.87	76.76	1.024	25.85	78.53	1.064	26.83	80.29	1.104	27.80	82.05
.985	24.89	76.80	1.025	25.87	78.57	1.065	26.85	80.33	1.105	27.83	82.09
.986	24.92	76.85	1.026	25.90	78.61	1.066	26.88	80.38	1.106	27.85	82.14
.987	24.94	76.89	1.027	25.92	78.66	1.067	26.90	80.42	1.107	27.88	82.18
.988	24.96	76.94	1.028	25.95	78.70	1.068	26.93	80.47	1.108	27.90	82.22
.989	24.99	76.98	1.029	25.97	78.75	1.069	26.95	80.51	1.109	27.93	82.27
.990	25.01	77.02	1.030	25.99	78.79	1.070	26.97	80.55	1.110	27.95	82.31
.991	25.04	77.07	1.031	26.02	78.83	1.071	27.00	80.60	1.111	27.98	82.36
.992	25.06	77.11	1.032	26.04	78.88	1.072	27.02	80.64	1.112	28.00	82.40
.993	25.09	77.16	1.033	26.07	78.92	1.073	27.05	80.69	1.113	28.02	82.44
.994	25.11	77.20	1.034	26.09	78.97	1.074	27.07	80.73	1.114	28.05	82.49
.995	25.14	77.25	1.035	26.12	79.01	1.075	27.10	80.77	1.115	28.07	82.53
.996	25.16	77.29	1.036	26.14	79.06	1.076	27.12	80.82	1.116	28.10	82.58
.997	25.19	77.33	1.037	26.17	79.10	1.077	27.15	80.86	1.117	28.12	82.62
.998	25.21	77.38	1.038	26.19	79.14	1.078	27.17	80.91	1.118	28.15	82.66
.999	25.23	77.42	1.039	26.22	79.19	1.079	27.19	80.95	1.119	28.17	82.71

MV	C	F	MV	C	F	MV	C	F	MV	C	F
1.120	28.20	82.75	1.160	29.17	84.51	1.200	30.14	86.26	1.240	31.11	88.00
1.121	28.22	82.80	1.161	29.19	84.55	1.201	30.17	86.30	1.241	31.14	88.05
1.122	28.24	82.84	1.162	29.22	84.59	1.202	30.19	86.34	1.242	31.16	88.09
1.123	28.27	82.88	1.163	29.24	84.64	1.203	30.22	86.39	1.243	31.19	88.13
1.124	28.29	82.93	1.164	29.27	84.68	1.204	30.24	86.43	1.244	31.21	88.16
1.125	28.32	82.97	1.165	29.29	84.72	1.205	30.26	86.48	1.245	31.23	88.22
1.126	28.34	83.01	1.166	29.32	84.77	1.206	30.29	86.52	1.246	31.26	88.27
1.127	28.37	83.06	1.167	29.34	84.81	1.207	30.31	86.56	1.247	31.28	88.31
1.128	28.39	83.10	1.168	29.36	84.86	1.208	30.34	86.61	1.248	31.31	88.35
1.129	28.41	83.15	1.169	29.39	84.90	1.209	30.36	86.65	1.249	31.33	88.40
1.130	28.44	83.19	1.170	29.41	84.94	1.210	30.39	86.69	1.250	31.36	88.44
1.131	28.46	83.23	1.171	29.44	84.99	1.211	30.41	86.74	1.251	31.38	88.48
1.132	28.49	83.28	1.172	29.46	85.03	1.212	30.43	86.78	1.252	31.40	88.53
1.133	28.51	83.32	1.173	29.49	85.08	1.213	30.46	86.82	1.253	31.43	88.57
1.134	28.54	83.37	1.174	29.51	85.12	1.214	30.48	86.87	1.254	31.45	88.61
1.135	28.56	83.41	1.175	29.53	85.16	1.215	30.51	86.91	1.255	31.48	88.66
1.136	28.59	83.45	1.176	29.56	85.21	1.216	30.53	86.96	1.256	31.50	88.70
1.137	28.61	83.50	1.177	29.58	85.25	1.217	30.56	87.00	1.257	31.52	88.74
1.138	28.63	83.54	1.178	29.61	85.29	1.218	30.58	87.04	1.258	31.55	88.79
1.139	28.66	83.59	1.179	29.63	85.34	1.219	30.60	87.09	1.259	31.57	88.83
1.140	28.68	83.63	1.180	29.66	85.38	1.220	30.63	87.13	1.260	31.60	88.88
1.141	28.71	83.67	1.181	29.68	85.43	1.221	30.65	87.17	1.261	31.62	88.92
1.142	28.73	83.72	1.182	29.71	85.47	1.222	30.68	87.22	1.262	31.65	88.96
1.143	28.76	83.76	1.183	29.73	85.51	1.223	30.70	87.26	1.263	31.67	89.01
1.144	28.78	83.80	1.184	29.75	85.56	1.224	30.73	87.31	1.264	31.69	89.05
1.145	28.80	83.85	1.185	29.78	85.60	1.225	30.75	87.35	1.265	31.72	89.09
1.146	28.83	83.89	1.186	29.80	85.64	1.226	30.77	87.39	1.266	31.74	89.14
1.147	28.85	83.94	1.187	29.83	85.69	1.227	30.80	87.44	1.267	31.77	89.18
1.148	28.88	83.98	1.188	29.85	85.73	1.228	30.82	87.48	1.268	31.79	89.22
1.149	28.90	84.02	1.189	29.88	85.78	1.229	30.85	87.52	1.269	31.82	89.27
1.150	28.93	84.07	1.190	29.90	85.82	1.230	30.87	87.57	1.270	31.84	89.31
1.151	28.95	84.11	1.191	29.92	85.86	1.231	30.89	87.61	1.271	31.86	89.36
1.152	28.98	84.16	1.192	29.95	85.91	1.232	30.92	87.65	1.272	31.89	89.40
1.153	29.00	84.20	1.193	29.97	85.95	1.233	30.94	87.70	1.273	31.91	89.44
1.154	29.02	84.24	1.194	30.00	85.99	1.234	30.97	87.74	1.274	31.94	89.49
1.155	29.05	84.29	1.195	30.02	86.04	1.235	30.99	87.79	1.275	31.96	89.53
1.156	29.07	84.33	1.196	30.05	86.08	1.236	31.02	87.83	1.276	31.98	89.57
1.157	29.10	84.37	1.197	30.07	86.13	1.237	31.04	87.87	1.277	32.01	89.62
1.158	29.12	84.42	1.198	30.09	86.17	1.238	31.06	87.92	1.278	32.03	89.66
1.159	29.15	84.46	1.199	30.12	86.21	1.239	31.09	87.96	1.279	32.06	89.70

MV	L	F	MV	C	F	MV	C	F	MV	C	F
1.200	32.08	89.75	1.320	33.03	91.49	1.300	34.01	93.22	1.400	34.98	94.90
1.201	32.11	89.79	1.321	33.07	91.53	1.301	34.04	93.27	1.401	35.00	95.00
1.202	32.13	89.83	1.322	33.10	91.57	1.302	34.06	93.31	1.402	35.02	95.04
1.203	32.15	89.88	1.323	33.12	91.62	1.303	34.09	93.35	1.403	35.05	95.09
1.204	32.18	89.92	1.324	33.14	91.66	1.304	34.11	93.40	1.404	35.07	95.13
1.205	32.20	89.96	1.325	33.17	91.70	1.305	34.13	93.44	1.405	35.10	95.17
1.206	32.23	90.01	1.326	33.19	91.75	1.306	34.16	93.48	1.406	35.12	95.22
1.207	32.25	90.05	1.327	33.22	91.79	1.307	34.18	93.53	1.407	35.14	95.26
1.208	32.28	90.10	1.328	33.24	91.83	1.308	34.21	93.57	1.408	35.17	95.30
1.209	32.30	90.14	1.329	33.27	91.88	1.309	34.23	93.61	1.409	35.19	95.35
1.290	32.32	90.18	1.330	33.29	91.92	1.310	34.25	93.66	1.410	35.22	95.39
1.291	32.35	90.23	1.331	33.31	91.96	1.311	34.28	93.70	1.411	35.24	95.43
1.292	32.37	90.27	1.332	33.34	92.01	1.312	34.30	93.74	1.412	35.26	95.46
1.293	32.40	90.31	1.333	33.36	92.05	1.313	34.33	93.79	1.413	35.29	95.52
1.294	32.42	90.36	1.334	33.39	92.10	1.314	34.35	93.83	1.414	35.31	95.56
1.295	32.44	90.40	1.335	33.41	92.14	1.315	34.37	93.87	1.415	35.34	95.61
1.296	32.47	90.44	1.336	33.43	92.18	1.316	34.40	93.92	1.416	35.36	95.65
1.297	32.49	90.49	1.337	33.46	92.23	1.317	34.42	93.96	1.417	35.38	95.69
1.298	32.52	90.53	1.338	33.48	92.27	1.318	34.45	94.00	1.418	35.41	95.74
1.299	32.54	90.57	1.339	33.51	92.31	1.319	34.47	94.05	1.419	35.43	95.78
1.300	32.57	90.62	1.340	33.53	92.36	1.320	34.49	94.09	1.420	35.46	95.82
1.301	32.59	90.66	1.341	33.56	92.40	1.321	34.52	94.13	1.421	35.48	95.86
1.302	32.61	90.70	1.342	33.58	92.44	1.322	34.54	94.18	1.422	35.50	95.91
1.303	32.64	90.75	1.343	33.60	92.49	1.323	34.57	94.22	1.423	35.53	95.95
1.304	32.66	90.79	1.344	33.63	92.53	1.324	34.59	94.26	1.424	35.55	95.99
1.305	32.69	90.83	1.345	33.65	92.57	1.325	34.62	94.31	1.425	35.58	96.04
1.306	32.71	90.88	1.346	33.68	92.62	1.326	34.64	94.35	1.426	35.60	96.08
1.307	32.73	90.92	1.347	33.70	92.66	1.327	34.66	94.39	1.427	35.62	96.12
1.308	32.76	90.97	1.348	33.72	92.70	1.328	34.69	94.44	1.428	35.65	96.17
1.309	32.78	91.01	1.349	33.75	92.75	1.329	34.71	94.48	1.429	35.67	96.21
1.310	32.81	91.05	1.350	33.77	92.79	1.330	34.74	94.52	1.430	35.70	96.25
1.311	32.83	91.10	1.351	33.80	92.83	1.331	34.76	94.57	1.431	35.72	96.30
1.312	32.86	91.14	1.352	33.82	92.88	1.332	34.78	94.61	1.432	35.74	96.34
1.313	32.88	91.18	1.353	33.84	92.92	1.333	34.81	94.65	1.433	35.77	96.38
1.314	32.90	91.23	1.354	33.87	92.96	1.334	34.83	94.70	1.434	35.79	96.43
1.315	32.93	91.27	1.355	33.89	93.01	1.335	34.86	94.74	1.435	35.82	96.47
1.316	32.95	91.31	1.356	33.92	93.05	1.336	34.88	94.78	1.436	35.84	96.51
1.317	32.98	91.36	1.357	33.94	93.09	1.337	34.90	94.83	1.437	35.86	96.56
1.318	33.00	91.40	1.358	33.96	93.14	1.338	34.93	94.87	1.438	35.89	96.60
1.319	33.02	91.44	1.359	33.99	93.18	1.339	34.95	94.91	1.439	35.91	96.64

MV	C	F	MV	C	F	MV	C	F	MV	C	F
1.440	35.94	96.69	1.480	36.90	98.41	1.520	37.85	100.13	1.560	38.81	101.85
1.441	35.96	96.73	1.481	36.92	98.46	1.521	37.88	100.18	1.561	38.85	101.90
1.442	35.98	96.77	1.482	36.94	98.50	1.522	37.90	100.22	1.562	38.86	101.94
1.443	36.01	96.82	1.483	36.97	98.54	1.523	37.92	100.26	1.563	38.88	101.98
1.444	36.03	96.86	1.484	36.99	98.58	1.524	37.95	100.31	1.564	38.90	102.03
1.445	36.06	96.90	1.485	37.02	98.63	1.525	37.97	100.35	1.565	38.93	102.07
1.446	36.08	96.95	1.486	37.04	98.67	1.526	38.00	100.39	1.566	38.95	102.11
1.447	36.10	96.99	1.487	37.06	98.71	1.527	38.02	100.44	1.567	38.97	102.15
1.448	36.13	97.03	1.488	37.09	98.76	1.528	38.04	100.48	1.568	39.00	102.20
1.449	36.15	97.07	1.489	37.11	98.80	1.529	38.07	100.52	1.569	39.02	102.24
1.450	36.18	97.12	1.490	37.13	98.84	1.530	38.09	100.56	1.570	39.05	102.28
1.451	36.20	97.16	1.491	37.16	98.89	1.531	38.12	100.61	1.571	39.07	102.33
1.452	36.22	97.20	1.492	37.18	98.93	1.532	38.14	100.65	1.572	39.09	102.37
1.453	36.25	97.25	1.493	37.21	98.97	1.533	38.16	100.69	1.573	39.12	102.41
1.454	36.27	97.29	1.494	37.23	99.02	1.534	38.19	100.74	1.574	39.14	102.45
1.455	36.30	97.33	1.495	37.25	99.06	1.535	38.21	100.78	1.575	39.17	102.50
1.456	36.32	97.38	1.496	37.28	99.10	1.536	38.23	100.82	1.576	39.19	102.54
1.457	36.34	97.42	1.497	37.30	99.14	1.537	38.26	100.87	1.577	39.21	102.58
1.458	36.37	97.46	1.498	37.33	99.19	1.538	38.28	100.91	1.578	39.24	102.63
1.459	36.39	97.51	1.499	37.35	99.23	1.539	38.31	100.95	1.579	39.26	102.67
1.460	36.42	97.55	1.500	37.37	99.27	1.540	38.33	100.99	1.580	39.28	102.71
1.461	36.44	97.59	1.501	37.40	99.32	1.541	38.35	101.04	1.581	39.31	102.76
1.462	36.46	97.64	1.502	37.42	99.36	1.542	38.38	101.08	1.582	39.33	102.80
1.463	36.49	97.68	1.503	37.45	99.40	1.543	38.40	101.12	1.583	39.36	102.84
1.464	36.51	97.72	1.504	37.47	99.45	1.544	38.43	101.17	1.584	39.38	102.88
1.465	36.54	97.77	1.505	37.49	99.49	1.545	38.45	101.21	1.585	39.40	102.93
1.466	36.56	97.81	1.506	37.52	99.53	1.546	38.47	101.25	1.586	39.43	102.97
1.467	36.58	97.85	1.507	37.54	99.58	1.547	38.50	101.30	1.587	39.45	103.01
1.468	36.61	97.89	1.508	37.57	99.62	1.548	38.52	101.34	1.588	39.48	103.06
1.469	36.63	97.94	1.509	37.59	99.66	1.549	38.55	101.38	1.589	39.50	103.10
1.470	36.66	97.98	1.510	37.61	99.70	1.550	38.57	101.42	1.590	39.52	103.14
1.471	36.68	98.02	1.511	37.64	99.75	1.551	38.59	101.47	1.591	39.55	103.18
1.472	36.70	98.07	1.512	37.66	99.79	1.552	38.62	101.51	1.592	39.57	103.23
1.473	36.73	98.11	1.513	37.69	99.83	1.553	38.64	101.55	1.593	39.59	103.27
1.474	36.75	98.15	1.514	37.71	99.88	1.554	38.66	101.60	1.594	39.62	103.31
1.475	36.78	98.20	1.515	37.73	99.92	1.555	38.69	101.64	1.595	39.64	103.36
1.476	36.80	98.24	1.516	37.76	99.96	1.556	38.71	101.68	1.596	39.67	103.40
1.477	36.82	98.28	1.517	37.78	100.01	1.557	38.74	101.73	1.597	39.69	103.44
1.478	36.85	98.33	1.518	37.80	100.05	1.558	38.76	101.77	1.598	39.71	103.48
1.479	36.87	98.37	1.519	37.83	100.09	1.559	38.78	101.81	1.599	39.74	103.53

NV	C	F	NV	C	F	NV	C	F	NV	C	F
1.600	39.76	103.57	1.640	40.71	105.28	1.680	41.66	106.99	1.720	42.61	108.70
1.601	39.78	103.61	1.641	40.74	105.33	1.681	41.69	107.03	1.721	42.63	108.74
1.602	39.81	103.66	1.642	40.76	105.37	1.682	41.71	107.08	1.722	42.66	108.76
1.603	39.83	103.70	1.643	40.78	105.41	1.683	41.73	107.12	1.723	42.68	108.80
1.604	39.86	103.74	1.644	40.81	105.45	1.684	41.76	107.16	1.724	42.70	108.84
1.605	39.88	103.78	1.645	40.83	105.49	1.685	41.78	107.21	1.725	42.73	108.87
1.606	39.90	103.83	1.646	40.86	105.54	1.686	41.80	107.25	1.726	42.75	108.90
1.607	39.93	103.87	1.647	40.88	105.58	1.687	41.83	107.29	1.727	42.78	108.93
1.608	39.95	103.91	1.648	40.90	105.62	1.688	41.85	107.33	1.728	42.80	108.96
1.609	39.98	103.96	1.649	40.93	105.67	1.689	41.88	107.38	1.729	42.82	109.00
1.610	40.00	104.00	1.650	40.95	105.71	1.690	41.90	107.42	1.730	42.85	109.12
1.611	40.02	104.04	1.651	40.97	105.75	1.691	41.92	107.46	1.731	42.87	109.17
1.612	40.05	104.08	1.652	41.00	105.80	1.692	41.95	107.50	1.732	42.89	109.21
1.613	40.07	104.13	1.653	41.02	105.84	1.693	41.97	107.55	1.733	42.92	109.25
1.614	40.09	104.17	1.654	41.05	105.88	1.694	41.99	107.59	1.734	42.94	109.29
1.615	40.12	104.21	1.655	41.07	105.92	1.695	42.02	107.63	1.735	42.96	109.34
1.616	40.14	104.26	1.656	41.09	105.97	1.696	42.04	107.67	1.736	42.99	109.38
1.617	40.17	104.30	1.657	41.12	106.01	1.697	42.07	107.72	1.737	43.01	109.42
1.618	40.19	104.34	1.658	41.14	106.05	1.698	42.09	107.76	1.738	43.04	109.46
1.619	40.21	104.38	1.659	41.16	106.09	1.699	42.11	107.80	1.739	43.06	109.51
1.620	40.24	104.43	1.660	41.19	106.14	1.700	42.14	107.85	1.740	43.08	109.55
1.621	40.26	104.47	1.661	41.21	106.18	1.701	42.16	107.89	1.741	43.11	109.59
1.622	40.28	104.51	1.662	41.23	106.22	1.702	42.18	107.93	1.742	43.13	109.63
1.623	40.31	104.56	1.663	41.26	106.27	1.703	42.21	107.97	1.743	43.15	109.68
1.624	40.33	104.60	1.664	41.28	106.31	1.704	42.23	108.02	1.744	43.18	109.72
1.625	40.36	104.64	1.665	41.31	106.35	1.705	42.25	108.06	1.745	43.20	109.76
1.626	40.38	104.68	1.666	41.33	106.39	1.706	42.28	108.10	1.746	43.23	109.81
1.627	40.40	104.73	1.667	41.35	106.44	1.707	42.30	108.14	1.747	43.25	109.85
1.628	40.43	104.77	1.668	41.38	106.48	1.708	42.33	108.19	1.748	43.27	109.89
1.629	40.45	104.81	1.669	41.40	106.52	1.709	42.35	108.23	1.749	43.30	109.93
1.630	40.47	104.85	1.670	41.42	106.56	1.710	42.37	108.27	1.750	43.32	109.98
1.631	40.50	104.90	1.671	41.45	106.61	1.711	42.40	108.31	1.751	43.34	110.02
1.632	40.52	104.94	1.672	41.47	106.65	1.712	42.42	108.36	1.752	43.37	110.06
1.633	40.55	104.98	1.673	41.50	106.69	1.713	42.44	108.40	1.753	43.39	110.10
1.634	40.57	105.03	1.674	41.52	106.74	1.714	42.47	108.44	1.754	43.41	110.15
1.635	40.59	105.07	1.675	41.54	106.78	1.715	42.49	108.48	1.755	43.44	110.19
1.636	40.62	105.11	1.676	41.57	106.82	1.716	42.52	108.53	1.756	43.46	110.23
1.637	40.64	105.15	1.677	41.59	106.86	1.717	42.54	108.57	1.757	43.49	110.27
1.638	40.66	105.20	1.678	41.61	106.91	1.718	42.56	108.61	1.758	43.51	110.32
1.639	40.69	105.24	1.679	41.64	106.95	1.719	42.59	108.66	1.759	43.53	110.36

MV	C	F	MV	C	F	MV	C	F	MV	C	F
1.700	43.56	110.40	1.800	44.50	112.10	1.840	45.44	113.80	1.880	46.38	115.49
1.701	43.58	110.44	1.801	44.52	112.14	1.841	45.47	113.84	1.881	46.41	115.53
1.702	43.60	110.49	1.802	44.55	112.19	1.842	45.49	113.88	1.882	46.43	115.57
1.703	43.63	110.53	1.803	44.57	112.23	1.843	45.51	113.92	1.883	46.45	115.62
1.704	43.65	110.57	1.804	44.59	112.27	1.844	45.54	113.97	1.884	46.48	115.66
1.705	43.67	110.61	1.805	44.62	112.31	1.845	45.56	114.01	1.885	46.50	115.70
1.706	43.70	110.66	1.806	44.64	112.35	1.846	45.58	114.05	1.886	46.52	115.74
1.707	43.72	110.70	1.807	44.67	112.40	1.847	45.61	114.09	1.887	46.55	115.79
1.708	43.74	110.74	1.808	44.69	112.44	1.848	45.63	114.14	1.888	46.57	115.83
1.709	43.77	110.78	1.809	44.71	112.48	1.849	45.65	114.18	1.889	46.59	115.87
1.710	43.79	110.83	1.810	44.74	112.52	1.850	45.68	114.22	1.890	46.62	115.91
1.711	43.82	110.87	1.811	44.76	112.57	1.851	45.70	114.26	1.891	46.64	115.95
1.712	43.84	110.91	1.812	44.78	112.61	1.852	45.72	114.30	1.892	46.67	116.00
1.713	43.86	110.95	1.813	44.81	112.65	1.853	45.75	114.35	1.893	46.69	116.04
1.714	43.89	111.00	1.814	44.83	112.69	1.854	45.77	114.39	1.894	46.71	116.08
1.715	43.91	111.04	1.815	44.85	112.74	1.855	45.80	114.43	1.895	46.74	116.12
1.716	43.93	111.08	1.816	44.88	112.78	1.856	45.82	114.47	1.896	46.76	116.17
1.717	43.96	111.12	1.817	44.90	112.82	1.857	45.84	114.52	1.897	46.78	116.21
1.718	43.98	111.17	1.818	44.92	112.86	1.858	45.87	114.56	1.898	46.81	116.25
1.719	44.00	111.21	1.819	44.95	112.91	1.859	45.89	114.60	1.899	46.83	116.29
1.720	44.03	111.25	1.820	44.97	112.95	1.860	45.91	114.64	1.900	46.85	116.34
1.721	44.05	111.29	1.821	45.00	112.99	1.861	45.94	114.69	1.901	46.88	116.38
1.722	44.08	111.34	1.822	45.02	113.03	1.862	45.96	114.73	1.902	46.90	116.42
1.723	44.10	111.38	1.823	45.04	113.08	1.863	45.98	114.77	1.903	46.92	116.46
1.724	44.12	111.42	1.824	45.07	113.12	1.864	46.01	114.81	1.904	46.95	116.50
1.725	44.15	111.46	1.825	45.09	113.16	1.865	46.03	114.86	1.905	46.97	116.55
1.726	44.17	111.51	1.826	45.11	113.20	1.866	46.05	114.90	1.906	46.99	116.59
1.727	44.19	111.55	1.827	45.14	113.25	1.867	46.08	114.94	1.907	47.02	116.63
1.728	44.22	111.59	1.828	45.16	113.29	1.868	46.10	114.98	1.908	47.04	116.67
1.729	44.24	111.63	1.829	45.18	113.33	1.869	46.12	115.02	1.909	47.06	116.72
1.730	44.26	111.68	1.830	45.21	113.37	1.870	46.15	115.07	1.910	47.09	116.76
1.731	44.29	111.72	1.831	45.23	113.42	1.871	46.17	115.11	1.911	47.11	116.80
1.732	44.31	111.76	1.832	45.25	113.46	1.872	46.20	115.15	1.912	47.13	116.84
1.733	44.34	111.80	1.833	45.28	113.50	1.873	46.22	115.19	1.913	47.16	116.88
1.734	44.36	111.85	1.834	45.30	113.54	1.874	46.24	115.24	1.914	47.18	116.93
1.735	44.38	111.89	1.835	45.32	113.58	1.875	46.27	115.28	1.915	47.20	116.97
1.736	44.41	111.93	1.836	45.35	113.63	1.876	46.29	115.32	1.916	47.23	117.01
1.737	44.43	111.97	1.837	45.37	113.67	1.877	46.31	115.36	1.917	47.25	117.05
1.738	44.45	112.02	1.838	45.40	113.71	1.878	46.34	115.41	1.918	47.28	117.10
1.739	44.48	112.06	1.839	45.42	113.75	1.879	46.36	115.45	1.919	47.30	117.14

MV	C	F	MV	C	F	MV	C	F	MV	C	F
1.920	47.32	117.18	1.960	48.46	118.87	2.000	49.19	120.55	2.040	50.13	122.23
1.921	47.35	117.22	1.961	48.48	118.91	2.001	49.22	120.59	2.041	50.15	122.27
1.922	47.37	117.26	1.962	48.51	118.95	2.002	49.24	120.64	2.042	50.18	122.32
1.923	47.39	117.31	1.963	48.53	118.99	2.003	49.27	120.68	2.043	50.20	122.36
1.924	47.42	117.35	1.964	48.55	119.04	2.004	49.29	120.72	2.044	50.22	122.40
1.925	47.44	117.39	1.965	48.58	119.08	2.005	49.31	120.76	2.045	50.25	122.44
1.926	47.46	117.43	1.966	48.60	119.12	2.006	49.34	120.80	2.046	50.27	122.48
1.927	47.49	117.48	1.967	48.62	119.16	2.007	49.36	120.85	2.047	50.29	122.53
1.928	47.51	117.52	1.968	48.65	119.20	2.008	49.38	120.89	2.048	50.32	122.57
1.929	47.53	117.56	1.969	48.67	119.25	2.009	49.41	120.93	2.049	50.34	122.61
1.930	47.56	117.60	1.970	48.69	119.29	2.010	49.43	120.97	2.050	50.36	122.65
1.931	47.58	117.64	1.971	48.72	119.33	2.011	49.45	121.01	2.051	50.39	122.69
1.932	47.60	117.69	1.972	48.74	119.37	2.012	49.48	121.06	2.052	50.41	122.74
1.933	47.63	117.73	1.973	48.76	119.41	2.013	49.50	121.10	2.053	50.43	122.78
1.934	47.65	117.77	1.974	48.79	119.46	2.014	49.52	121.14	2.054	50.46	122.82
1.935	47.67	117.81	1.975	48.81	119.50	2.015	49.55	121.18	2.055	50.48	122.86
1.936	47.70	117.86	1.976	48.83	119.54	2.016	49.57	121.22	2.056	50.50	122.90
1.937	47.72	117.90	1.977	48.86	119.58	2.017	49.59	121.27	2.057	50.53	122.95
1.938	47.74	117.94	1.978	48.88	119.63	2.018	49.62	121.31	2.058	50.55	122.99
1.939	47.77	117.98	1.979	48.90	119.67	2.019	49.64	121.35	2.059	50.57	123.03
1.940	47.79	118.02	1.980	48.93	119.71	2.020	49.66	121.39	2.060	50.60	123.07
1.941	47.81	118.07	1.981	48.95	119.75	2.021	49.69	121.43	2.061	50.62	123.11
1.942	47.84	118.11	1.982	48.97	119.79	2.022	49.71	121.48	2.062	50.64	123.15
1.943	47.86	118.15	1.983	48.99	119.84	2.023	49.73	121.52	2.063	50.66	123.20
1.944	47.88	118.19	1.984	48.82	119.88	2.024	49.76	121.56	2.064	50.69	123.24
1.945	47.91	118.23	1.985	48.84	119.92	2.025	49.78	121.60	2.065	50.71	123.28
1.946	47.93	118.28	1.986	48.87	119.96	2.026	49.80	121.64	2.066	50.73	123.32
1.947	47.96	118.32	1.987	48.89	120.00	2.027	49.83	121.69	2.067	50.76	123.36
1.948	47.98	118.36	1.988	48.91	120.05	2.028	49.85	121.73	2.068	50.78	123.41
1.949	48.00	118.40	1.989	48.94	120.09	2.029	49.87	121.77	2.069	50.80	123.45
1.950	48.03	118.45	1.990	48.96	120.13	2.030	49.90	121.81	2.070	50.83	123.49
1.951	48.05	118.49	1.991	48.98	120.17	2.031	49.92	121.85	2.071	50.85	123.53
1.952	48.07	118.53	1.992	49.01	120.21	2.032	49.94	121.90	2.072	50.87	123.57
1.953	48.10	118.57	1.993	49.03	120.26	2.033	49.97	121.94	2.073	50.90	123.62
1.954	48.12	118.61	1.994	49.05	120.30	2.034	49.99	121.98	2.074	50.92	123.66
1.955	48.14	118.66	1.995	49.08	120.34	2.035	50.01	122.02	2.075	50.94	123.70
1.956	48.17	118.70	1.996	49.10	120.38	2.036	50.04	122.06	2.076	50.97	123.74
1.957	48.19	118.74	1.997	49.12	120.42	2.037	50.06	122.11	2.077	50.99	123.78
1.958	48.21	118.78	1.998	49.15	120.47	2.038	50.08	122.15	2.078	51.01	123.83
1.959	48.24	118.82	1.999	49.17	120.51	2.039	50.11	122.19	2.079	51.04	123.87

MV	C	F	MV	C	F	MV	C	F	MV	C	F
2.060	51.06	123.91	2.120	51.99	145.58	2.160	52.92	127.26	2.200	53.85	128.93
2.061	51.08	123.95	2.121	52.01	145.63	2.161	52.94	127.30	2.201	53.87	128.97
2.062	51.11	123.99	2.122	52.04	145.67	2.162	52.97	127.34	2.202	53.89	129.01
2.063	51.13	124.04	2.123	52.06	145.71	2.163	52.99	127.38	2.203	53.92	129.05
2.064	51.15	124.08	2.124	52.08	145.75	2.164	53.01	127.42	2.204	53.94	129.09
2.065	51.18	124.12	2.125	52.11	145.79	2.165	53.04	127.47	2.205	53.96	129.13
2.066	51.20	124.16	2.126	52.13	145.84	2.166	53.06	127.51	2.206	53.99	129.16
2.067	51.22	124.20	2.127	52.15	145.88	2.167	53.08	127.55	2.207	54.01	129.20
2.068	51.25	124.24	2.128	52.18	145.92	2.168	53.11	127.59	2.208	54.03	129.24
2.069	51.27	124.29	2.129	52.20	145.96	2.169	53.13	127.63	2.209	54.06	129.28
2.090	51.29	124.33	2.130	52.22	146.00	2.170	53.15	127.67	2.210	54.08	129.32
2.091	51.32	124.37	2.131	52.25	146.04	2.171	53.18	127.72	2.211	54.10	129.36
2.092	51.34	124.41	2.132	52.27	146.09	2.172	53.20	127.76	2.212	54.13	129.40
2.093	51.36	124.45	2.133	52.29	146.13	2.173	53.22	127.80	2.213	54.15	129.44
2.094	51.39	124.50	2.134	52.32	146.17	2.174	53.24	127.84	2.214	54.17	129.48
2.095	51.41	124.54	2.135	52.34	146.21	2.175	53.27	127.88	2.215	54.19	129.52
2.096	51.43	124.58	2.136	52.36	146.25	2.176	53.29	127.92	2.216	54.22	129.56
2.097	51.46	124.62	2.137	52.39	146.30	2.177	53.31	127.97	2.217	54.24	129.60
2.098	51.48	124.66	2.138	52.41	146.34	2.178	53.34	128.01	2.218	54.26	129.64
2.099	51.50	124.71	2.139	52.43	146.38	2.179	53.36	128.05	2.219	54.29	129.68
2.100	51.53	124.75	2.140	52.46	146.42	2.180	53.38	128.09	2.220	54.31	129.72
2.101	51.55	124.79	2.141	52.48	146.46	2.181	53.41	128.13	2.221	54.33	129.76
2.102	51.57	124.83	2.142	52.50	146.50	2.182	53.43	128.17	2.222	54.36	129.80
2.103	51.60	124.87	2.143	52.53	146.55	2.183	53.45	128.22	2.223	54.38	129.84
2.104	51.62	124.91	2.144	52.55	146.59	2.184	53.48	128.26	2.224	54.40	129.88
2.105	51.64	124.96	2.145	52.57	146.63	2.185	53.50	128.30	2.225	54.43	129.92
2.106	51.67	125.00	2.146	52.60	146.67	2.186	53.52	128.34	2.226	54.45	129.96
2.107	51.69	125.04	2.147	52.62	146.71	2.187	53.55	128.38	2.227	54.47	130.00
2.108	51.71	125.08	2.148	52.64	146.75	2.188	53.57	128.42	2.228	54.50	130.04
2.109	51.74	125.12	2.149	52.66	146.80	2.189	53.59	128.47	2.229	54.52	130.08
2.110	51.76	125.17	2.150	52.69	146.84	2.190	53.62	128.51	2.230	54.54	130.12
2.111	51.78	125.21	2.151	52.71	146.88	2.191	53.64	128.55	2.231	54.56	130.16
2.112	51.81	125.25	2.152	52.73	146.92	2.192	53.66	128.59	2.232	54.59	130.20
2.113	51.83	125.29	2.153	52.76	146.96	2.193	53.69	128.63	2.233	54.61	130.24
2.114	51.85	125.33	2.154	52.78	147.01	2.194	53.71	128.67	2.234	54.63	130.28
2.115	51.88	125.38	2.155	52.80	147.05	2.195	53.73	128.72	2.235	54.66	130.32
2.116	51.90	125.42	2.156	52.83	147.09	2.196	53.75	128.76	2.236	54.68	130.36
2.117	51.92	125.46	2.157	52.85	147.13	2.197	53.78	128.80	2.237	54.70	130.40
2.118	51.94	125.50	2.158	52.87	147.17	2.198	53.80	128.84	2.238	54.73	130.44
2.119	51.97	125.54	2.159	52.90	147.21	2.199	53.82	128.88	2.239	54.75	130.48

MV	C	F	MV	C	F	MV	C	F	MV	C	F
2.240	54.77	130.59	2.280	55.70	132.23	2.320	56.62	133.91	2.360	57.54	135.57
2.241	54.80	130.63	2.281	55.72	132.30	2.321	56.64	133.96	2.361	57.56	135.61
2.242	54.82	130.67	2.282	55.74	132.34	2.322	56.67	134.00	2.362	57.59	135.65
2.243	54.84	130.72	2.283	55.77	132.38	2.323	56.69	134.04	2.363	57.61	135.70
2.244	54.87	130.76	2.284	55.79	132.42	2.324	56.71	134.08	2.364	57.63	135.74
2.245	54.89	130.80	2.285	55.81	132.46	2.325	56.73	134.12	2.365	57.65	135.78
2.246	54.91	130.84	2.286	55.84	132.50	2.326	56.76	134.16	2.366	57.68	135.82
2.247	54.93	130.88	2.287	55.86	132.54	2.327	56.78	134.20	2.367	57.70	135.86
2.248	54.96	130.92	2.288	55.88	132.59	2.328	56.80	134.25	2.368	57.72	135.90
2.249	54.98	130.97	2.289	55.90	132.63	2.329	56.83	134.29	2.369	57.75	135.94
2.250	55.00	131.01	2.290	55.93	132.67	2.330	56.85	134.33	2.370	57.77	135.99
2.251	55.03	131.05	2.291	55.95	132.71	2.331	56.87	134.37	2.371	57.79	136.03
2.252	55.05	131.09	2.292	55.97	132.75	2.332	56.90	134.41	2.372	57.82	136.07
2.253	55.07	131.13	2.293	56.00	132.79	2.333	56.92	134.45	2.373	57.84	136.11
2.254	55.10	131.17	2.294	56.02	132.84	2.334	56.94	134.49	2.374	57.86	136.15
2.255	55.12	131.21	2.295	56.04	132.88	2.335	56.96	134.54	2.375	57.88	136.19
2.256	55.14	131.26	2.296	56.07	132.92	2.336	56.99	134.58	2.376	57.91	136.23
2.257	55.17	131.30	2.297	56.09	132.96	2.337	57.01	134.62	2.377	57.93	136.27
2.258	55.19	131.34	2.298	56.11	133.00	2.338	57.03	134.66	2.378	57.95	136.32
2.259	55.21	131.38	2.299	56.13	133.04	2.339	57.06	134.70	2.379	57.98	136.36
2.260	55.23	131.42	2.300	56.16	133.08	2.340	57.08	134.74	2.380	58.00	136.40
2.261	55.26	131.46	2.301	56.18	133.13	2.341	57.10	134.78	2.381	58.02	136.44
2.262	55.28	131.51	2.302	56.20	133.17	2.342	57.13	134.83	2.382	58.05	136.48
2.263	55.30	131.55	2.303	56.23	133.21	2.343	57.15	134.87	2.383	58.07	136.52
2.264	55.33	131.59	2.304	56.25	133.25	2.344	57.17	134.91	2.384	58.09	136.56
2.265	55.35	131.63	2.305	56.27	133.29	2.345	57.19	134.95	2.385	58.11	136.61
2.266	55.37	131.67	2.306	56.30	133.33	2.346	57.22	134.99	2.386	58.14	136.65
2.267	55.40	131.71	2.307	56.32	133.37	2.347	57.24	135.03	2.387	58.16	136.69
2.268	55.42	131.76	2.308	56.34	133.42	2.348	57.26	135.07	2.388	58.18	136.73
2.269	55.44	131.80	2.309	56.37	133.46	2.349	57.29	135.12	2.389	58.21	136.77
2.270	55.47	131.84	2.310	56.39	133.50	2.350	57.31	135.16	2.390	58.23	136.81
2.271	55.49	131.88	2.311	56.41	133.54	2.351	57.33	135.20	2.391	58.25	136.85
2.272	55.51	131.92	2.312	56.43	133.58	2.352	57.36	135.24	2.392	58.28	136.89
2.273	55.54	131.96	2.313	56.46	133.62	2.353	57.38	135.28	2.393	58.30	136.94
2.274	55.56	132.00	2.314	56.48	133.67	2.354	57.40	135.32	2.394	58.32	136.98
2.275	55.58	132.05	2.315	56.50	133.71	2.355	57.42	135.36	2.395	58.34	137.02
2.276	55.60	132.09	2.316	56.53	133.75	2.356	57.45	135.41	2.396	58.37	137.06
2.277	55.63	132.13	2.317	56.55	133.79	2.357	57.47	135.45	2.397	58.39	137.10
2.278	55.65	132.17	2.318	56.57	133.83	2.358	57.49	135.49	2.398	58.41	137.14
2.279	55.67	132.21	2.319	56.60	133.87	2.359	57.52	135.53	2.399	58.44	137.18

MV	C	F	MV	C	F	MV	C	F	MV	C	F
2.400	58.46	137.23	2.440	59.38	138.88	2.480	60.29	140.53	2.520	61.21	142.17
2.401	58.48	137.27	2.441	59.40	138.92	2.481	60.32	140.57	2.521	61.23	142.21
2.402	58.50	137.31	2.442	59.42	138.96	2.482	60.34	140.61	2.522	61.25	142.25
2.403	58.53	137.35	2.443	59.45	139.00	2.483	60.36	140.65	2.523	61.28	142.30
2.404	58.55	137.39	2.444	59.47	139.04	2.484	60.38	140.69	2.524	61.30	142.34
2.405	58.57	137.43	2.445	59.49	139.08	2.485	60.41	140.73	2.525	61.32	142.38
2.406	58.60	137.47	2.446	59.51	139.12	2.486	60.43	140.77	2.526	61.34	142.42
2.407	58.62	137.51	2.447	59.54	139.17	2.487	60.45	140.81	2.527	61.37	142.46
2.408	58.64	137.56	2.448	59.56	139.21	2.488	60.48	140.86	2.528	61.39	142.50
2.409	58.67	137.60	2.449	59.58	139.25	2.489	60.50	140.90	2.529	61.41	142.54
2.410	58.69	137.64	2.450	59.61	139.29	2.490	60.52	140.94	2.530	61.44	142.58
2.411	58.71	137.68	2.451	59.63	139.33	2.491	60.54	140.98	2.531	61.46	142.62
2.412	58.73	137.72	2.452	59.65	139.37	2.492	60.57	141.02	2.532	61.48	142.67
2.413	58.76	137.76	2.453	59.67	139.41	2.493	60.59	141.06	2.533	61.50	142.71
2.414	58.78	137.80	2.454	59.70	139.45	2.494	60.61	141.10	2.534	61.53	142.75
2.415	58.80	137.85	2.455	59.72	139.50	2.495	60.64	141.14	2.535	61.55	142.79
2.416	58.83	137.89	2.456	59.74	139.54	2.496	60.66	141.18	2.536	61.57	142.83
2.417	58.85	137.93	2.457	59.77	139.58	2.497	60.68	141.23	2.537	61.59	142.87
2.418	58.87	137.97	2.458	59.79	139.62	2.498	60.70	141.27	2.538	61.62	142.91
2.419	58.89	138.01	2.459	59.81	139.66	2.499	60.73	141.31	2.539	61.64	142.95
2.420	58.92	138.05	2.460	59.83	139.70	2.500	60.75	141.35	2.540	61.66	142.99
2.421	58.94	138.09	2.461	59.86	139.74	2.501	60.77	141.39	2.541	61.69	143.03
2.422	58.96	138.13	2.462	59.88	139.78	2.502	60.80	141.43	2.542	61.71	143.08
2.423	58.99	138.18	2.463	59.90	139.83	2.503	60.82	141.47	2.543	61.73	143.12
2.424	59.01	138.22	2.464	59.93	139.87	2.504	60.84	141.51	2.544	61.75	143.16
2.425	59.03	138.26	2.465	59.95	139.91	2.505	60.86	141.56	2.545	61.78	143.20
2.426	59.06	138.30	2.466	59.97	139.95	2.506	60.89	141.60	2.546	61.80	143.24
2.427	59.08	138.34	2.467	59.99	139.99	2.507	60.91	141.64	2.547	61.82	143.28
2.428	59.10	138.38	2.468	60.02	140.03	2.508	60.93	141.68	2.548	61.85	143.32
2.429	59.12	138.42	2.469	60.04	140.07	2.509	60.96	141.72	2.549	61.87	143.36
2.430	59.15	138.46	2.470	60.06	140.11	2.510	60.98	141.76	2.550	61.89	143.40
2.431	59.17	138.51	2.471	60.09	140.15	2.511	61.00	141.80	2.551	61.91	143.45
2.432	59.19	138.55	2.472	60.11	140.20	2.512	61.02	141.84	2.552	61.94	143.49
2.433	59.22	138.59	2.473	60.13	140.24	2.513	61.05	141.88	2.553	61.96	143.53
2.434	59.24	138.63	2.474	60.15	140.28	2.514	61.07	141.93	2.554	61.98	143.57
2.435	59.26	138.67	2.475	60.18	140.32	2.515	61.09	141.97	2.555	62.01	143.61
2.436	59.28	138.71	2.476	60.20	140.36	2.516	61.12	142.01	2.556	62.03	143.65
2.437	59.31	138.75	2.477	60.22	140.40	2.517	61.14	142.05	2.557	62.05	143.69
2.438	59.33	138.79	2.478	60.25	140.44	2.518	61.16	142.09	2.558	62.07	143.73
2.439	59.35	138.84	2.479	60.27	140.48	2.519	61.18	142.13	2.559	62.10	143.77

HV	C	F	HV	C	F	HV	C	F	HV	C	F
2.560	62.12	143.82	2.600	63.03	145.46	2.640	63.94	147.09	2.680	64.85	148.73
2.561	62.14	143.86	2.601	63.05	145.50	2.641	63.96	147.13	2.681	64.87	148.77
2.562	62.17	143.90	2.602	63.08	145.54	2.642	63.99	147.18	2.682	64.89	148.81
2.563	62.19	143.94	2.603	63.10	145.58	2.643	64.01	147.22	2.683	64.92	148.85
2.564	62.21	143.98	2.604	63.12	145.62	2.644	64.03	147.26	2.684	64.94	148.89
2.565	62.23	144.02	2.605	63.14	145.66	2.645	64.05	147.30	2.685	64.96	148.93
2.566	62.26	144.06	2.606	63.17	145.70	2.646	64.08	147.34	2.686	64.99	148.97
2.567	62.28	144.10	2.607	63.19	145.74	2.647	64.10	147.38	2.687	65.01	149.01
2.568	62.30	144.14	2.608	63.21	145.78	2.648	64.12	147.42	2.688	65.03	149.05
2.569	62.32	144.18	2.609	63.24	145.82	2.649	64.15	147.46	2.689	65.05	149.10
2.570	62.35	144.23	2.610	63.26	145.87	2.650	64.17	147.50	2.690	65.08	149.14
2.571	62.37	144.27	2.611	63.28	145.91	2.651	64.19	147.54	2.691	65.10	149.18
2.572	62.39	144.31	2.612	63.30	145.95	2.652	64.21	147.58	2.692	65.12	149.22
2.573	62.42	144.35	2.613	63.33	145.99	2.653	64.24	147.62	2.693	65.14	149.26
2.574	62.44	144.39	2.614	63.35	146.03	2.654	64.26	147.67	2.694	65.17	149.30
2.575	62.46	144.43	2.615	63.37	146.07	2.655	64.28	147.71	2.695	65.19	149.34
2.576	62.48	144.47	2.616	63.39	146.11	2.656	64.30	147.75	2.696	65.21	149.38
2.577	62.51	144.51	2.617	63.42	146.15	2.657	64.33	147.79	2.697	65.23	149.42
2.578	62.53	144.55	2.618	63.44	146.19	2.658	64.35	147.83	2.698	65.26	149.46
2.579	62.55	144.59	2.619	63.46	146.23	2.659	64.37	147.87	2.699	65.28	149.50
2.580	62.58	144.64	2.620	63.49	146.27	2.660	64.40	147.91	2.700	65.30	149.54
2.581	62.60	144.68	2.621	63.51	146.32	2.661	64.42	147.95	2.701	65.33	149.58
2.582	62.62	144.72	2.622	63.53	146.36	2.662	64.44	147.99	2.702	65.35	149.62
2.583	62.64	144.76	2.623	63.55	146.40	2.663	64.46	148.03	2.703	65.37	149.67
2.584	62.67	144.80	2.624	63.58	146.44	2.664	64.49	148.07	2.704	65.39	149.71
2.585	62.69	144.84	2.625	63.60	146.48	2.665	64.51	148.12	2.705	65.42	149.75
2.586	62.71	144.88	2.626	63.62	146.52	2.666	64.53	148.16	2.706	65.44	149.79
2.587	62.73	144.92	2.627	63.65	146.56	2.667	64.55	148.20	2.707	65.46	149.83
2.588	62.76	144.96	2.628	63.67	146.60	2.668	64.58	148.24	2.708	65.48	149.87
2.589	62.78	145.00	2.629	63.69	146.64	2.669	64.60	148.28	2.709	65.51	149.91
2.590	62.80	145.05	2.630	63.71	146.68	2.670	64.62	148.32	2.710	65.53	149.95
2.591	62.83	145.09	2.631	63.74	146.73	2.671	64.64	148.36	2.711	65.55	149.99
2.592	62.85	145.13	2.632	63.76	146.77	2.672	64.67	148.40	2.712	65.57	150.03
2.593	62.87	145.17	2.633	63.78	146.81	2.673	64.69	148.44	2.713	65.60	150.08
2.594	62.89	145.21	2.634	63.80	146.85	2.674	64.71	148.48	2.714	65.62	150.12
2.595	62.92	145.25	2.635	63.83	146.89	2.675	64.74	148.52	2.715	65.64	150.16
2.596	62.94	145.29	2.636	63.85	146.93	2.676	64.76	148.56	2.716	65.67	150.20
2.597	62.96	145.33	2.637	63.87	146.97	2.677	64.78	148.61	2.717	65.69	150.24
2.598	62.99	145.37	2.638	63.90	147.01	2.678	64.80	148.65	2.718	65.71	150.28
2.599	63.01	145.41	2.639	63.92	147.05	2.679	64.83	148.69	2.719	65.73	150.32

MV	C	F	MV	C	F	MV	C	F	MV	C	F
2.720	65.76	150.36	2.760	66.66	151.99	2.800	67.57	153.62	2.840	68.47	155.24
2.721	65.78	150.40	2.761	66.68	152.03	2.801	67.59	153.66	2.841	68.49	155.28
2.722	65.80	150.44	2.762	66.71	152.07	2.802	67.61	153.70	2.842	68.51	155.32
2.723	65.82	150.46	2.763	66.73	152.11	2.803	67.63	153.74	2.843	68.53	155.36
2.724	65.85	150.52	2.764	66.75	152.15	2.804	67.66	153.78	2.844	68.56	155.40
2.725	65.87	150.56	2.765	66.77	152.19	2.805	67.68	153.82	2.845	68.58	155.44
2.726	65.89	150.61	2.766	66.80	152.23	2.806	67.70	153.86	2.846	68.60	155.48
2.727	65.91	150.65	2.767	66.82	152.26	2.807	67.72	153.90	2.847	68.63	155.52
2.728	65.94	150.69	2.768	66.84	152.32	2.808	67.75	153.94	2.848	68.65	155.57
2.729	65.96	150.73	2.769	66.86	152.36	2.809	67.77	153.98	2.849	68.67	155.61
2.730	65.98	150.77	2.770	66.89	152.40	2.810	67.79	154.02	2.850	68.69	155.65
2.731	66.01	150.81	2.771	66.91	152.44	2.811	67.81	154.06	2.851	68.72	155.69
2.732	66.03	150.85	2.772	66.93	152.48	2.812	67.84	154.10	2.852	68.74	155.73
2.733	66.05	150.89	2.773	66.96	152.52	2.813	67.86	154.15	2.853	68.76	155.77
2.734	66.07	150.93	2.774	66.98	152.56	2.814	67.88	154.19	2.854	68.78	155.81
2.735	66.10	150.97	2.775	67.00	152.60	2.815	67.90	154.23	2.855	68.81	155.85
2.736	66.12	151.01	2.776	67.02	152.64	2.816	67.93	154.27	2.856	68.83	155.89
2.737	66.14	151.05	2.777	67.05	152.68	2.817	67.95	154.31	2.857	68.85	155.93
2.738	66.16	151.09	2.778	67.07	152.72	2.818	67.97	154.35	2.858	68.87	155.97
2.739	66.19	151.14	2.779	67.09	152.76	2.819	67.99	154.39	2.859	68.90	156.01
2.740	66.21	151.18	2.780	67.11	152.80	2.820	68.02	154.43	2.860	68.92	156.05
2.741	66.23	151.22	2.781	67.14	152.84	2.821	68.04	154.47	2.861	68.94	156.09
2.742	66.25	151.26	2.782	67.16	152.88	2.822	68.06	154.51	2.862	68.96	156.13
2.743	66.28	151.30	2.783	67.18	152.93	2.823	68.08	154.55	2.863	68.99	156.17
2.744	66.30	151.34	2.784	67.20	152.97	2.824	68.11	154.59	2.864	69.01	156.22
2.745	66.32	151.38	2.785	67.23	153.01	2.825	68.13	154.63	2.865	69.03	156.26
2.746	66.34	151.42	2.786	67.25	153.05	2.826	68.15	154.67	2.866	69.05	156.30
2.747	66.37	151.46	2.787	67.27	153.09	2.827	68.17	154.71	2.867	69.08	156.34
2.748	66.39	151.50	2.788	67.29	153.13	2.828	68.20	154.75	2.868	69.10	156.38
2.749	66.41	151.54	2.789	67.32	153.17	2.829	68.22	154.80	2.869	69.12	156.42
2.750	66.44	151.58	2.790	67.34	153.21	2.830	68.24	154.84	2.870	69.14	156.46
2.751	66.46	151.62	2.791	67.36	153.25	2.831	68.26	154.88	2.871	69.17	156.50
2.752	66.48	151.66	2.792	67.38	153.29	2.832	68.29	154.92	2.872	69.19	156.54
2.753	66.50	151.71	2.793	67.41	153.33	2.833	68.31	154.96	2.873	69.21	156.58
2.754	66.53	151.75	2.794	67.43	153.37	2.834	68.33	155.00	2.874	69.23	156.62
2.755	66.55	151.79	2.795	67.45	153.41	2.835	68.35	155.04	2.875	69.26	156.66
2.756	66.57	151.83	2.796	67.47	153.45	2.836	68.38	155.08	2.876	69.28	156.70
2.757	66.59	151.87	2.797	67.50	153.50	2.837	68.40	155.12	2.877	69.30	156.74
2.758	66.62	151.91	2.798	67.52	153.54	2.838	68.42	155.16	2.878	69.32	156.78
2.759	66.64	151.95	2.799	67.54	153.58	2.839	68.45	155.20	2.879	69.35	156.82

MV	C	F	MV	C	F	MV	C	F	MV	C	F
2.880	69.37	156.86	2.920	70.27	158.48	2.960	71.17	160.10	3.000	72.06	161.71
2.881	69.39	156.90	2.921	70.29	158.52	2.961	71.19	160.14	3.001	72.09	161.75
2.882	69.41	156.94	2.922	70.31	158.56	2.962	71.21	160.18	3.002	72.11	161.79
2.883	69.44	156.99	2.923	70.34	158.60	2.963	71.23	160.22	3.003	72.13	161.83
2.884	69.46	157.03	2.924	70.36	158.64	2.964	71.26	160.26	3.004	72.15	161.87
2.885	69.48	157.07	2.925	70.38	158.68	2.965	71.28	160.30	3.005	72.18	161.92
2.886	69.50	157.11	2.926	70.40	158.73	2.966	71.30	160.34	3.006	72.20	161.96
2.887	69.53	157.15	2.927	70.43	158.77	2.967	71.32	160.38	3.007	72.22	162.00
2.888	69.55	157.19	2.928	70.45	158.81	2.968	71.35	160.42	3.008	72.24	162.04
2.889	69.57	157.23	2.929	70.47	158.85	2.969	71.37	160.46	3.009	72.26	162.08
2.890	69.59	157.27	2.930	70.49	158.89	2.970	71.39	160.50	3.010	72.29	162.12
2.891	69.62	157.31	2.931	70.52	158.93	2.971	71.41	160.54	3.011	72.31	162.16
2.892	69.64	157.35	2.932	70.54	158.97	2.972	71.44	160.58	3.012	72.33	162.20
2.893	69.66	157.39	2.933	70.56	159.01	2.973	71.46	160.62	3.013	72.35	162.24
2.894	69.68	157.43	2.934	70.58	159.05	2.974	71.48	160.66	3.014	72.38	162.28
2.895	69.71	157.47	2.935	70.61	159.09	2.975	71.50	160.71	3.015	72.40	162.32
2.896	69.73	157.51	2.936	70.63	159.13	2.976	71.53	160.75	3.016	72.42	162.36
2.897	69.75	157.55	2.937	70.65	159.17	2.977	71.55	160.79	3.017	72.44	162.40
2.898	69.77	157.59	2.938	70.67	159.21	2.978	71.57	160.83	3.018	72.47	162.44
2.899	69.80	157.63	2.939	70.69	159.25	2.979	71.59	160.87	3.019	72.49	162.48
2.900	69.82	157.67	2.940	70.72	159.29	2.980	71.61	160.91	3.020	72.51	162.52
2.901	69.84	157.71	2.941	70.74	159.33	2.981	71.64	160.95	3.021	72.53	162.56
2.902	69.86	157.75	2.942	70.76	159.37	2.982	71.66	160.99	3.022	72.56	162.60
2.903	69.89	157.79	2.943	70.78	159.41	2.983	71.68	161.03	3.023	72.58	162.64
2.904	69.91	157.84	2.944	70.81	159.45	2.984	71.70	161.07	3.024	72.60	162.68
2.905	69.93	157.88	2.945	70.83	159.49	2.985	71.73	161.11	3.025	72.62	162.72
2.906	69.95	157.92	2.946	70.85	159.53	2.986	71.75	161.15	3.026	72.65	162.76
2.907	69.98	157.96	2.947	70.87	159.57	2.987	71.77	161.19	3.027	72.67	162.80
2.908	70.00	158.00	2.948	70.90	159.61	2.988	71.79	161.23	3.028	72.69	162.84
2.909	70.02	158.04	2.949	70.92	159.65	2.989	71.82	161.27	3.029	72.71	162.88
2.910	70.04	158.08	2.950	70.94	159.70	2.990	71.84	161.31	3.030	72.73	162.92
2.911	70.07	158.12	2.951	70.96	159.74	2.991	71.86	161.35	3.031	72.76	162.96
2.912	70.09	158.16	2.952	70.99	159.78	2.992	71.88	161.39	3.032	72.78	163.00
2.913	70.11	158.20	2.953	71.01	159.82	2.993	71.91	161.43	3.033	72.80	163.04
2.914	70.13	158.24	2.954	71.03	159.86	2.994	71.93	161.47	3.034	72.82	163.08
2.915	70.16	158.28	2.955	71.05	159.90	2.995	71.95	161.51	3.035	72.85	163.12
2.916	70.18	158.32	2.956	71.08	159.94	2.996	71.97	161.55	3.036	72.87	163.16
2.917	70.20	158.36	2.957	71.10	159.98	2.997	72.00	161.59	3.037	72.89	163.20
2.918	70.22	158.40	2.958	71.12	160.02	2.998	72.02	161.63	3.038	72.91	163.24
2.919	70.25	158.44	2.959	71.14	160.06	2.999	72.04	161.67	3.039	72.94	163.28

MV	C	F	MV	C	F	MV	C	F	MV	C	F
3.040	72.96	163.33	3.080	73.85	164.93	3.120	74.74	166.54	3.160	75.64	168.14
3.041	72.98	163.37	3.081	73.87	164.97	3.121	74.77	166.58	3.161	75.66	168.16
3.042	73.00	163.41	3.082	73.90	165.01	3.122	74.79	166.62	3.162	75.68	168.22
3.043	73.03	163.45	3.083	73.92	165.05	3.123	74.81	166.66	3.163	75.70	168.27
3.044	73.05	163.49	3.084	73.94	165.09	3.124	74.83	166.70	3.164	75.73	168.31
3.045	73.07	163.53	3.085	73.96	165.14	3.125	74.86	166.74	3.165	75.75	168.35
3.046	73.09	163.57	3.086	73.99	165.18	3.126	74.88	166.78	3.166	75.77	168.39
3.047	73.11	163.61	3.087	74.01	165.22	3.127	74.90	166.82	3.167	75.79	168.43
3.048	73.14	163.65	3.088	74.03	165.26	3.128	74.92	166.86	3.168	75.81	168.47
3.049	73.16	163.69	3.089	74.05	165.30	3.129	74.95	166.90	3.169	75.84	168.51
3.050	73.18	163.73	3.090	74.08	165.34	3.130	74.97	166.94	3.170	75.86	168.55
3.051	73.20	163.77	3.091	74.10	165.38	3.131	74.99	166.98	3.171	75.88	168.59
3.052	73.23	163.81	3.092	74.12	165.42	3.132	75.01	167.02	3.172	75.90	168.63
3.053	73.25	163.85	3.093	74.14	165.46	3.133	75.03	167.06	3.173	75.93	168.67
3.054	73.27	163.89	3.094	74.16	165.50	3.134	75.06	167.10	3.174	75.95	168.71
3.055	73.29	163.93	3.095	74.19	165.54	3.135	75.08	167.14	3.175	75.97	168.75
3.056	73.32	163.97	3.096	74.21	165.58	3.136	75.10	167.18	3.176	75.99	168.79
3.057	73.34	164.01	3.097	74.23	165.62	3.137	75.12	167.22	3.177	76.01	168.83
3.058	73.36	164.05	3.098	74.25	165.66	3.138	75.15	167.26	3.178	76.04	168.87
3.059	73.38	164.09	3.099	74.28	165.70	3.139	75.17	167.30	3.179	76.06	168.91
3.060	73.41	164.13	3.100	74.30	165.74	3.140	75.19	167.34	3.180	76.08	168.95
3.061	73.43	164.17	3.101	74.32	165.78	3.141	75.21	167.38	3.181	76.10	168.99
3.062	73.45	164.21	3.102	74.34	165.82	3.142	75.24	167.42	3.182	76.13	169.03
3.063	73.47	164.25	3.103	74.37	165.86	3.143	75.26	167.46	3.183	76.15	169.07
3.064	73.49	164.29	3.104	74.39	165.90	3.144	75.28	167.50	3.184	76.17	169.11
3.065	73.52	164.33	3.105	74.41	165.94	3.145	75.30	167.54	3.185	76.19	169.15
3.066	73.54	164.37	3.106	74.43	165.98	3.146	75.32	167.58	3.186	76.21	169.19
3.067	73.56	164.41	3.107	74.45	166.02	3.147	75.35	167.62	3.187	76.24	169.23
3.068	73.58	164.45	3.108	74.48	166.06	3.148	75.37	167.66	3.188	76.26	169.27
3.069	73.61	164.49	3.109	74.50	166.10	3.149	75.39	167.70	3.189	76.28	169.31
3.070	73.63	164.53	3.110	74.52	166.14	3.150	75.41	167.74	3.190	76.30	169.35
3.071	73.65	164.57	3.111	74.54	166.18	3.151	75.44	167.78	3.191	76.33	169.39
3.072	73.67	164.61	3.112	74.57	166.22	3.152	75.46	167.82	3.192	76.35	169.43
3.073	73.70	164.65	3.113	74.59	166.26	3.153	75.48	167.86	3.193	76.37	169.47
3.074	73.72	164.69	3.114	74.61	166.30	3.154	75.50	167.90	3.194	76.39	169.51
3.075	73.74	164.73	3.115	74.63	166.34	3.155	75.52	167.94	3.195	76.41	169.55
3.076	73.76	164.77	3.116	74.66	166.38	3.156	75.55	167.98	3.196	76.44	169.59
3.077	73.79	164.81	3.117	74.68	166.42	3.157	75.57	168.02	3.197	76.46	169.63
3.078	73.81	164.85	3.118	74.70	166.46	3.158	75.59	168.06	3.198	76.48	169.67
3.079	73.83	164.89	3.119	74.72	166.50	3.159	75.61	168.10	3.199	76.50	169.71

MV	C	F	MV	C	F	MV	C	F	MV	C	F
J.200	76.53	169.15	J.240	71.41	171.35	3.280	78.30	172.94	J.320	79.19	174.54
J.201	76.55	169.19	J.241	71.44	171.39	3.281	78.32	172.98	J.321	79.21	174.58
J.202	76.57	169.83	J.242	71.46	171.43	3.282	78.35	173.02	J.322	79.23	174.62
J.203	76.59	169.87	J.243	71.48	171.47	3.283	78.37	173.06	J.323	79.25	174.66
J.204	76.61	169.91	J.244	71.50	171.51	3.284	78.39	173.10	J.324	79.28	174.70
J.205	76.64	169.95	J.245	71.53	171.55	3.285	78.41	173.14	J.325	79.30	174.74
J.206	76.66	169.99	J.246	71.55	171.59	3.286	78.43	173.18	J.326	79.32	174.78
J.207	76.68	170.03	J.247	71.57	171.63	3.287	78.46	173.22	J.327	79.34	174.82
J.208	76.70	170.07	J.248	71.59	171.67	3.288	78.48	173.26	J.328	79.36	174.86
J.209	76.73	170.11	J.249	71.61	171.71	3.289	78.50	173.30	J.329	79.39	174.90
J.210	76.75	170.15	J.250	71.64	171.75	3.290	78.52	173.34	J.330	79.41	174.94
J.211	76.77	170.19	J.251	71.66	171.79	3.291	78.55	173.38	J.331	79.43	174.97
J.212	76.79	170.23	J.252	71.68	171.82	3.292	78.57	173.42	J.332	79.45	175.01
J.213	76.81	170.27	J.253	71.70	171.86	3.293	78.59	173.46	J.333	79.47	175.05
J.214	76.84	170.31	J.254	71.72	171.90	3.294	78.61	173.50	J.334	79.50	175.09
J.215	76.86	170.35	J.255	71.75	171.94	3.295	78.63	173.54	J.335	79.52	175.13
J.216	76.88	170.39	J.256	71.77	171.98	3.296	78.66	173.58	J.336	79.54	175.17
J.217	76.90	170.43	J.257	71.79	172.02	3.297	78.68	173.62	J.337	79.56	175.21
J.218	76.93	170.47	J.258	71.81	172.06	3.298	78.70	173.66	J.338	79.59	175.25
J.219	76.95	170.51	J.259	71.84	172.10	3.299	78.72	173.70	J.339	79.61	175.29
J.220	76.97	170.55	J.260	71.86	172.14	3.300	78.74	173.74	J.340	79.63	175.33
J.221	76.99	170.59	J.261	71.88	172.18	3.301	78.77	173.78	J.341	79.65	175.37
J.222	77.01	170.63	J.262	71.90	172.22	3.302	78.79	173.82	J.342	79.67	175.41
J.223	77.04	170.67	J.263	71.92	172.26	3.303	78.81	173.86	J.343	79.70	175.45
J.224	77.06	170.71	J.264	71.95	172.30	3.304	78.83	173.90	J.344	79.72	175.49
J.225	77.08	170.75	J.265	71.97	172.34	3.305	78.86	173.94	J.345	79.74	175.53
J.226	77.10	170.79	J.266	71.99	172.38	3.306	78.88	173.98	J.346	79.76	175.57
J.227	77.13	170.83	J.267	78.01	172.42	3.307	78.90	174.02	J.347	79.78	175.61
J.228	77.15	170.87	J.268	78.04	172.46	3.308	78.92	174.06	J.348	79.81	175.65
J.229	77.17	170.91	J.269	78.06	172.50	3.309	78.94	174.10	J.349	79.83	175.69
J.230	77.19	170.95	J.270	78.08	172.54	3.310	78.97	174.14	J.350	79.85	175.73
J.231	77.21	170.99	J.271	78.10	172.58	3.311	78.99	174.18	J.351	79.87	175.77
J.232	77.24	171.03	J.272	78.12	172.62	3.312	79.01	174.22	J.352	79.89	175.81
J.233	77.26	171.07	J.273	78.15	172.66	3.313	79.03	174.26	J.353	79.92	175.85
J.234	77.28	171.11	J.274	78.17	172.70	3.314	79.05	174.30	J.354	79.94	175.89
J.235	77.30	171.15	J.275	78.19	172.74	3.315	79.08	174.34	J.355	79.96	175.93
J.236	77.33	171.19	J.276	78.21	172.78	3.316	79.10	174.38	J.356	79.98	175.97
J.237	77.35	171.23	J.277	78.23	172.82	3.317	79.12	174.42	J.357	80.01	176.01
J.238	77.37	171.27	J.278	78.26	172.86	3.318	79.14	174.46	J.358	80.03	176.05
J.239	77.39	171.31	J.279	78.28	172.90	3.319	79.16	174.50	J.359	80.05	176.09

3.360	80.07	176.13	J.400	60.95	177.72	3.440	81.84	179.31	J.480	82.72	180.89
3.361	80.09	176.17	J.401	60.98	177.76	3.441	81.86	179.35	J.481	82.74	180.93
3.362	80.12	176.21	J.402	81.00	177.80	3.442	81.88	179.38	J.482	82.76	180.97
3.363	80.14	176.25	J.403	81.02	177.84	3.443	81.90	179.42	J.483	82.78	181.01
3.364	80.16	176.29	J.404	81.04	177.88	3.444	81.92	179.46	J.484	82.80	181.05
3.365	80.18	176.33	J.405	81.06	177.92	3.445	81.95	179.50	J.485	82.83	181.09
3.366	80.20	176.37	J.406	81.09	177.96	3.446	81.97	179.54	J.486	82.85	181.13
3.367	80.23	176.41	J.407	81.11	178.00	3.447	81.99	179.58	J.487	82.87	181.17
3.368	80.25	176.45	J.408	81.13	178.04	3.448	82.01	179.62	J.488	82.89	181.21
3.369	80.27	176.49	J.409	81.15	178.08	3.449	82.03	179.66	J.489	82.91	181.25
3.370	80.29	176.53	J.410	81.18	178.12	3.450	82.06	179.70	J.490	82.94	181.29
3.371	80.31	176.57	J.411	81.20	178.16	3.451	82.08	179.74	J.491	82.96	181.33
3.372	80.34	176.61	J.412	81.22	178.19	3.452	82.10	179.78	J.492	82.98	181.37
3.373	80.36	176.65	J.413	81.24	178.23	3.453	82.12	179.82	J.493	83.00	181.41
3.374	80.38	176.69	J.414	81.26	178.27	3.454	82.14	179.86	J.494	83.02	181.44
3.375	80.40	176.73	J.415	81.29	178.31	3.455	82.17	179.90	J.495	83.05	181.48
3.376	80.42	176.76	J.416	81.31	178.35	3.456	82.19	179.94	J.496	83.07	181.52
3.377	80.45	176.80	J.417	81.33	178.39	3.457	82.21	179.98	J.497	83.09	181.56
3.378	80.47	176.84	J.418	81.35	178.43	3.458	82.23	180.02	J.498	83.11	181.60
3.379	80.49	176.88	J.419	81.37	178.47	3.459	82.25	180.06	J.499	83.13	181.64
3.380	80.51	176.92	J.420	81.40	178.51	3.460	82.28	180.10	J.500	83.16	181.68
3.381	80.54	176.96	J.421	81.42	178.55	3.461	82.30	180.14	J.501	83.18	181.72
3.382	80.56	177.00	J.422	81.44	178.59	3.462	82.32	180.18	J.502	83.20	181.76
3.383	80.58	177.04	J.423	81.46	178.63	3.463	82.34	180.22	J.503	83.22	181.80
3.384	80.60	177.08	J.424	81.48	178.67	3.464	82.36	180.26	J.504	83.24	181.84
3.385	80.62	177.12	J.425	81.51	178.71	3.465	82.39	180.30	J.505	83.27	181.88
3.386	80.65	177.16	J.426	81.53	178.75	3.466	82.41	180.34	J.506	83.29	181.92
3.387	80.67	177.20	J.427	81.55	178.79	3.467	82.43	180.38	J.507	83.31	181.96
3.388	80.69	177.24	J.428	81.57	178.83	3.468	82.45	180.42	J.508	83.33	182.00
3.389	80.71	177.28	J.429	81.59	178.87	3.469	82.47	180.46	J.509	83.35	182.04
3.390	80.73	177.32	J.430	81.62	178.91	3.470	82.50	180.49	J.510	83.38	182.08
3.391	80.76	177.36	J.431	81.64	178.95	3.471	82.52	180.53	J.511	83.40	182.12
3.392	80.78	177.40	J.432	81.66	178.99	3.472	82.54	180.57	J.512	83.42	182.16
3.393	80.80	177.44	J.433	81.68	179.03	3.473	82.56	180.61	J.513	83.44	182.20
3.394	80.82	177.48	J.434	81.70	179.07	3.474	82.59	180.65	J.514	83.46	182.24
3.395	80.84	177.52	J.435	81.73	179.11	3.475	82.61	180.69	J.515	83.49	182.28
3.396	80.87	177.56	J.436	81.75	179.15	3.476	82.63	180.73	J.516	83.51	182.32
3.397	80.89	177.60	J.437	81.77	179.19	3.477	82.65	180.77	J.517	83.53	182.36
3.398	80.91	177.64	J.438	81.79	179.23	3.478	82.67	180.81	J.518	83.55	182.40
3.399	80.93	177.68	J.439	81.81	179.27	3.479	82.69	180.85	J.519	83.57	182.44

MV	C	F	MV	C	F	MV	C	F	MV	C	F
3.520	83.60	182.47	J.560	84.47	184.05	3.600	85.35	185.63	J.640	86.23	187.21
3.521	83.62	182.51	J.561	84.50	184.09	3.601	85.37	185.67	J.641	86.25	187.25
3.522	83.64	182.55	J.562	84.52	184.13	3.602	85.39	185.71	J.642	86.27	187.29
3.523	83.66	182.59	J.563	84.54	184.17	3.603	85.42	185.75	J.643	86.29	187.33
3.524	83.68	182.63	J.564	84.56	184.21	3.604	85.44	185.79	J.644	86.31	187.36
3.525	83.71	182.67	J.565	84.58	184.25	3.605	85.46	185.83	J.645	86.34	187.40
3.526	83.73	182.71	J.566	84.61	184.29	3.606	85.48	185.87	J.646	86.36	187.44
3.527	83.75	182.75	J.567	84.63	184.33	3.607	85.50	185.91	J.647	86.38	187.48
3.528	83.77	182.79	J.568	84.65	184.37	3.608	85.53	185.95	J.648	86.40	187.52
3.529	83.79	182.83	J.569	84.67	184.41	3.609	85.55	185.99	J.649	86.42	187.56
3.530	83.82	182.87	J.570	84.69	184.45	3.610	85.57	186.03	J.650	86.44	187.60
3.531	83.84	182.91	J.571	84.72	184.49	3.611	85.59	186.07	J.651	86.47	187.64
3.532	83.86	182.95	J.572	84.74	184.53	3.612	85.61	186.10	J.652	86.49	187.68
3.533	83.88	182.99	J.573	84.76	184.57	3.613	85.64	186.14	J.653	86.51	187.72
3.534	83.90	183.03	J.574	84.78	184.61	3.614	85.66	186.18	J.654	86.53	187.76
3.535	83.93	183.07	J.575	84.80	184.65	3.615	85.68	186.22	J.655	86.55	187.80
3.536	83.95	183.11	J.576	84.82	184.69	3.616	85.70	186.26	J.656	86.58	187.84
3.537	83.97	183.15	J.577	84.85	184.72	3.617	85.72	186.30	J.657	86.60	187.88
3.538	83.99	183.18	J.578	84.87	184.76	3.618	85.74	186.34	J.658	86.62	187.92
3.539	84.01	183.22	J.579	84.89	184.80	3.619	85.77	186.38	J.659	86.64	187.96
3.540	84.04	183.26	J.580	84.91	184.84	3.620	85.79	186.42	J.660	86.66	187.99
3.541	84.06	183.30	J.581	84.93	184.88	3.621	85.81	186.46	J.661	86.69	188.03
3.542	84.08	183.34	J.582	84.96	184.92	3.622	85.83	186.50	J.662	86.71	188.07
3.543	84.10	183.38	J.583	84.98	184.96	3.623	85.85	186.54	J.663	86.73	188.11
3.544	84.12	183.42	J.584	85.00	185.00	3.624	85.88	186.58	J.664	86.75	188.15
3.545	84.15	183.46	J.585	85.02	185.04	3.625	85.90	186.62	J.665	86.77	188.19
3.546	84.17	183.50	J.586	85.04	185.08	3.626	85.92	186.66	J.666	86.79	188.23
3.547	84.19	183.54	J.587	85.07	185.12	3.627	85.94	186.70	J.667	86.82	188.27
3.548	84.21	183.58	J.588	85.09	185.16	3.628	85.96	186.73	J.668	86.84	188.31
3.549	84.23	183.62	J.589	85.11	185.20	3.629	85.99	186.77	J.669	86.86	188.35
3.550	84.25	183.66	J.590	85.13	185.24	3.630	86.01	186.81	J.670	86.88	188.39
3.551	84.28	183.70	J.591	85.15	185.28	3.631	86.03	186.85	J.671	86.90	188.43
3.552	84.30	183.74	J.592	85.18	185.32	3.632	86.05	186.89	J.672	86.93	188.47
3.553	84.32	183.78	J.593	85.20	185.36	3.633	86.07	186.93	J.673	86.95	188.51
3.554	84.34	183.82	J.594	85.22	185.39	3.634	86.10	186.97	J.674	86.97	188.54
3.555	84.36	183.86	J.595	85.24	185.43	3.635	86.12	187.01	J.675	86.99	188.58
3.556	84.39	183.90	J.596	85.26	185.47	3.636	86.14	187.05	J.676	87.01	188.62
3.557	84.41	183.94	J.597	85.29	185.51	3.637	86.16	187.09	J.677	87.03	188.66
3.558	84.43	183.97	J.598	85.31	185.55	3.638	86.18	187.13	J.678	87.06	188.70
3.559	84.45	184.01	J.599	85.33	185.59	3.639	86.20	187.17	J.679	87.08	188.74

MV	C	F	MV	C	F	MV	C	F	MV	C	F
3.600	87.10	188.78	3.720	87.97	190.33	3.700	88.84	191.92	3.800	89.72	193.49
3.601	87.12	188.82	3.721	88.00	190.39	3.701	88.87	191.96	3.801	89.74	193.53
3.602	87.14	188.86	3.722	88.02	190.43	3.702	88.89	192.00	3.802	89.76	193.57
3.603	87.17	188.90	3.723	88.04	190.47	3.703	88.91	192.04	3.803	89.78	193.61
3.604	87.19	188.94	3.724	88.06	190.51	3.704	88.93	192.08	3.804	89.80	193.64
3.605	87.21	188.98	3.725	88.08	190.55	3.705	88.95	192.12	3.805	89.82	193.68
3.606	87.23	189.02	3.726	88.10	190.59	3.706	88.98	192.16	3.806	89.85	193.72
3.607	87.25	189.06	3.727	88.13	190.63	3.707	89.00	192.20	3.807	89.87	193.76
3.608	87.28	189.10	3.728	88.15	190.67	3.708	89.02	192.23	3.808	89.89	193.80
3.609	87.30	189.13	3.729	88.17	190.71	3.709	89.04	192.27	3.809	89.91	193.84
3.610	87.32	189.17	3.730	88.19	190.74	3.710	89.06	192.31	3.810	89.93	193.88
3.611	87.34	189.21	3.731	88.21	190.78	3.711	89.08	192.35	3.811	89.95	193.92
3.612	87.36	189.25	3.732	88.23	190.82	3.712	89.11	192.39	3.812	89.98	193.96
3.613	87.38	189.29	3.733	88.25	190.86	3.713	89.13	192.43	3.813	90.00	194.00
3.614	87.41	189.33	3.734	88.28	190.90	3.714	89.15	192.47	3.814	90.02	194.04
3.615	87.43	189.37	3.735	88.30	190.94	3.715	89.17	192.51	3.815	90.04	194.07
3.616	87.45	189.41	3.736	88.32	190.98	3.716	89.19	192.55	3.816	90.06	194.11
3.617	87.47	189.45	3.737	88.34	191.02	3.717	89.22	192.59	3.817	90.09	194.15
3.618	87.49	189.49	3.738	88.37	191.06	3.718	89.24	192.63	3.818	90.11	194.19
3.619	87.52	189.53	3.739	88.39	191.10	3.719	89.26	192.67	3.819	90.13	194.23
3.700	87.54	189.57	3.740	88.41	191.14	3.780	89.28	192.70	3.820	90.15	194.27
3.701	87.56	189.61	3.741	88.43	191.18	3.781	89.30	192.74	3.821	90.17	194.31
3.702	87.58	189.65	3.742	88.45	191.22	3.782	89.32	192.78	3.822	90.19	194.35
3.703	87.60	189.68	3.743	88.47	191.25	3.783	89.35	192.82	3.823	90.22	194.39
3.704	87.62	189.72	3.744	88.50	191.29	3.784	89.37	192.86	3.824	90.24	194.43
3.705	87.65	189.76	3.745	88.52	191.33	3.785	89.39	192.90	3.825	90.26	194.47
3.706	87.67	189.80	3.746	88.54	191.37	3.786	89.41	192.94	3.826	90.28	194.51
3.707	87.69	189.84	3.747	88.56	191.41	3.787	89.43	192.98	3.827	90.30	194.54
3.708	87.71	189.88	3.748	88.58	191.45	3.788	89.45	193.02	3.828	90.32	194.58
3.709	87.73	189.92	3.749	88.61	191.49	3.789	89.48	193.06	3.829	90.35	194.62
3.710	87.76	189.96	3.750	88.63	191.53	3.790	89.50	193.10	3.830	90.37	194.66
3.711	87.78	190.00	3.751	88.65	191.57	3.791	89.52	193.14	3.831	90.39	194.70
3.712	87.80	190.04	3.752	88.67	191.61	3.792	89.54	193.17	3.832	90.41	194.74
3.713	87.82	190.08	3.753	88.69	191.65	3.793	89.56	193.21	3.833	90.43	194.78
3.714	87.84	190.12	3.754	88.71	191.69	3.794	89.58	193.25	3.834	90.45	194.82
3.715	87.86	190.16	3.755	88.74	191.72	3.795	89.61	193.29	3.835	90.48	194.86
3.716	87.89	190.19	3.756	88.76	191.76	3.796	89.63	193.33	3.836	90.50	194.90
3.717	87.91	190.23	3.757	88.78	191.80	3.797	89.65	193.37	3.837	90.52	194.94
3.718	87.93	190.27	3.758	88.80	191.84	3.798	89.67	193.41	3.838	90.54	194.97
3.719	87.95	190.31	3.759	88.82	191.88	3.799	89.69	193.45	3.839	90.56	195.01

MV	C	F	MV	C	F	MV	C	F	MV	C	F
J.840	90.58	195.05	J.880	91.45	196.01	3.920	92.32	196.18	J.960	93.19	199.73
J.841	90.61	195.09	J.881	91.47	196.05	3.921	92.34	196.21	J.961	93.21	199.77
J.842	90.63	195.13	J.882	91.50	196.09	3.922	92.36	196.25	J.962	93.23	199.81
J.843	90.65	195.17	J.883	91.52	196.13	3.923	92.38	196.29	J.963	93.25	199.85
J.844	90.67	195.21	J.884	91.54	196.17	3.924	92.41	196.33	J.964	93.27	199.89
J.845	90.69	195.25	J.885	91.56	196.21	3.925	92.43	196.37	J.965	93.29	199.93
J.846	90.71	195.29	J.886	91.58	196.25	3.926	92.45	196.41	J.966	93.31	199.97
J.847	90.74	195.33	J.887	91.60	196.29	3.927	92.47	196.45	J.967	93.34	200.01
J.848	90.76	195.37	J.888	91.63	196.33	3.928	92.49	196.49	J.968	93.36	200.04
J.849	90.78	195.40	J.889	91.65	196.37	3.929	92.51	196.53	J.969	93.38	200.08
J.850	90.80	195.44	J.890	91.67	197.01	3.930	92.54	196.56	J.970	93.40	200.12
J.851	90.82	195.48	J.891	91.69	197.04	3.931	92.56	196.60	J.971	93.42	200.16
J.852	90.85	195.52	J.892	91.71	197.08	3.932	92.58	196.64	J.972	93.44	200.20
J.853	90.87	195.56	J.893	91.73	197.12	3.933	92.60	196.68	J.973	93.47	200.24
J.854	90.89	195.60	J.894	91.76	197.16	3.934	92.62	196.72	J.974	93.49	200.28
J.855	90.91	195.64	J.895	91.78	197.20	3.935	92.64	196.76	J.975	93.51	200.32
J.856	90.93	195.68	J.896	91.80	197.24	3.936	92.67	196.80	J.976	93.53	200.36
J.857	90.95	195.72	J.897	91.82	197.28	3.937	92.69	196.84	J.977	93.55	200.39
J.858	90.98	195.76	J.898	91.84	197.32	3.938	92.71	196.88	J.978	93.57	200.43
J.859	91.00	195.79	J.899	91.86	197.36	3.939	92.73	196.92	J.979	93.60	200.47
J.860	91.02	195.83	J.900	91.89	197.40	3.940	92.75	196.95	J.980	93.62	200.51
J.861	91.04	195.87	J.901	91.91	197.43	3.941	92.77	196.99	J.981	93.64	200.55
J.862	91.06	195.91	J.902	91.93	197.47	3.942	92.80	197.03	J.982	93.66	200.59
J.863	91.08	195.95	J.903	91.95	197.51	3.943	92.82	197.07	J.983	93.68	200.63
J.864	91.11	195.99	J.904	91.97	197.55	3.944	92.84	197.11	J.984	93.70	200.67
J.865	91.13	196.03	J.905	91.99	197.59	3.945	92.86	197.15	J.985	93.73	200.71
J.866	91.15	196.07	J.906	92.02	197.63	3.946	92.88	197.19	J.986	93.75	200.74
J.867	91.17	196.11	J.907	92.04	197.67	3.947	92.90	197.23	J.987	93.77	200.78
J.868	91.19	196.15	J.908	92.06	197.71	3.948	92.93	197.27	J.988	93.79	200.82
J.869	91.21	196.19	J.909	92.08	197.75	3.949	92.95	197.30	J.989	93.81	200.86
J.870	91.24	196.22	J.910	92.10	197.79	3.950	92.97	197.34	J.990	93.83	200.90
J.871	91.26	196.26	J.911	92.12	197.82	3.951	92.99	197.38	J.991	93.86	200.94
J.872	91.28	196.30	J.912	92.15	197.86	3.952	93.01	197.42	J.992	93.88	200.98
J.873	91.30	196.34	J.913	92.17	197.90	3.953	93.03	197.46	J.993	93.90	201.02
J.874	91.32	196.38	J.914	92.19	197.94	3.954	93.06	197.50	J.994	93.92	201.06
J.875	91.34	196.42	J.915	92.21	197.98	3.955	93.08	197.54	J.995	93.94	201.10
J.876	91.37	196.46	J.916	92.23	198.02	3.956	93.10	197.58	J.996	93.96	201.13
J.877	91.39	196.50	J.917	92.25	198.06	3.957	93.12	197.62	J.997	93.98	201.17
J.878	91.41	196.54	J.918	92.28	198.10	3.958	93.14	197.66	J.998	94.01	201.21
J.879	91.43	196.58	J.919	92.30	198.14	3.959	93.16	197.69	J.999	94.03	201.25

4.000	94.05	201.29	4.040	94.91	202.84	4.080	95.77	204.39	4.120	96.64	205.94
4.001	94.07	201.33	4.041	94.93	202.88	4.081	95.80	204.43	4.121	96.66	205.96
4.002	94.09	201.37	4.042	94.96	202.92	4.082	95.82	204.47	4.122	96.68	205.98
4.003	94.11	201.41	4.043	94.98	202.96	4.083	95.84	204.51	4.123	96.70	206.00
4.004	94.14	201.44	4.044	95.00	203.00	4.084	95.86	204.55	4.124	96.72	206.02
4.005	94.16	201.48	4.045	95.02	203.04	4.085	95.88	204.59	4.125	96.74	206.04
4.006	94.18	201.52	4.046	95.04	203.08	4.086	95.90	204.63	4.126	96.76	206.06
4.007	94.20	201.56	4.047	95.06	203.12	4.087	95.92	204.67	4.127	96.78	206.08
4.008	94.22	201.60	4.048	95.09	203.15	4.088	95.95	204.70	4.128	96.81	206.11
4.009	94.24	201.64	4.049	95.11	203.19	4.089	95.97	204.74	4.129	96.83	206.13
4.010	94.27	201.68	4.050	95.13	203.23	4.090	95.99	204.78	4.130	96.85	206.15
4.011	94.29	201.72	4.051	95.15	203.27	4.091	96.01	204.82	4.131	96.87	206.17
4.012	94.31	201.76	4.052	95.17	203.31	4.092	96.03	204.86	4.132	96.89	206.19
4.013	94.33	201.79	4.053	95.19	203.35	4.093	96.05	204.90	4.133	96.92	206.21
4.014	94.35	201.83	4.054	95.21	203.39	4.094	96.08	204.94	4.134	96.94	206.23
4.015	94.37	201.87	4.055	95.24	203.43	4.095	96.10	204.98	4.135	96.96	206.25
4.016	94.39	201.91	4.056	95.26	203.46	4.096	96.12	205.01	4.136	96.98	206.27
4.017	94.42	201.95	4.057	95.28	203.50	4.097	96.14	205.05	4.137	97.00	206.29
4.018	94.44	201.99	4.058	95.30	203.54	4.098	96.16	205.09	4.138	97.02	206.31
4.019	94.46	202.03	4.059	95.32	203.58	4.099	96.18	205.13	4.139	97.04	206.33
4.020	94.48	202.07	4.060	95.34	203.62	4.100	96.21	205.17	4.140	97.07	206.35
4.021	94.50	202.11	4.061	95.37	203.66	4.101	96.23	205.21	4.141	97.09	206.37
4.022	94.52	202.14	4.062	95.39	203.70	4.102	96.25	205.25	4.142	97.11	206.39
4.023	94.55	202.18	4.063	95.41	203.74	4.103	96.27	205.29	4.143	97.13	206.41
4.024	94.57	202.22	4.064	95.43	203.77	4.104	96.29	205.32	4.144	97.15	206.43
4.025	94.59	202.26	4.065	95.45	203.81	4.105	96.31	205.36	4.145	97.17	206.45
4.026	94.61	202.30	4.066	95.47	203.85	4.106	96.33	205.40	4.146	97.19	206.47
4.027	94.63	202.34	4.067	95.49	203.89	4.107	96.36	205.44	4.147	97.22	206.49
4.028	94.65	202.38	4.068	95.52	203.93	4.108	96.38	205.48	4.148	97.24	206.51
4.029	94.68	202.42	4.069	95.54	203.97	4.109	96.40	205.52	4.149	97.26	206.53
4.030	94.70	202.45	4.070	95.56	204.01	4.110	96.42	205.56	4.150	97.28	206.55
4.031	94.72	202.49	4.071	95.58	204.05	4.111	96.44	205.60	4.151	97.30	206.57
4.032	94.74	202.53	4.072	95.60	204.09	4.112	96.46	205.63	4.152	97.32	206.59
4.033	94.76	202.57	4.073	95.62	204.12	4.113	96.49	205.67	4.153	97.35	206.61
4.034	94.78	202.61	4.074	95.65	204.16	4.114	96.51	205.71	4.154	97.37	206.63
4.035	94.80	202.65	4.075	95.67	204.20	4.115	96.53	205.75	4.155	97.39	206.65
4.036	94.83	202.69	4.076	95.69	204.24	4.116	96.55	205.79	4.156	97.41	206.67
4.037	94.85	202.73	4.077	95.71	204.28	4.117	96.57	205.83	4.157	97.43	206.69
4.038	94.87	202.77	4.078	95.73	204.32	4.118	96.59	205.87	4.158	97.45	206.71
4.039	94.89	202.80	4.079	95.75	204.36	4.119	96.61	205.91	4.159	97.47	206.73

MV	C	F	MV	C	F	MV	C	F	MV	C	F
4.100	97.50	207.49	4.200	98.55	209.34	4.240	99.21	210.58	4.280	100.07	212.12
4.101	97.52	207.53	4.201	98.58	209.39	4.241	99.23	210.62	4.281	100.09	212.16
4.102	97.54	207.57	4.202	98.40	209.11	4.242	99.25	210.66	4.282	100.11	212.20
4.103	97.56	207.61	4.203	98.42	209.15	4.243	99.28	210.70	4.283	100.13	212.24
4.104	97.58	207.65	4.204	98.44	209.19	4.244	99.30	210.74	4.284	100.15	212.28
4.105	97.60	207.69	4.205	98.46	209.23	4.245	99.32	210.77	4.285	100.17	212.31
4.106	97.62	207.72	4.206	98.48	209.27	4.246	99.34	210.81	4.286	100.20	212.35
4.107	97.65	207.76	4.207	98.50	209.31	4.247	99.36	210.85	4.287	100.22	212.39
4.108	97.67	207.80	4.208	98.53	209.35	4.248	99.38	210.89	4.288	100.24	212.43
4.109	97.69	207.84	4.209	98.55	209.39	4.249	99.40	210.93	4.289	100.26	212.47
4.110	97.71	207.88	4.210	98.57	209.42	4.250	99.43	210.97	4.290	100.28	212.51
4.111	97.73	207.92	4.211	98.59	209.46	4.251	99.45	211.01	4.291	100.30	212.55
4.112	97.75	207.96	4.212	98.61	209.50	4.252	99.47	211.04	4.292	100.32	212.58
4.113	97.77	207.99	4.213	98.63	209.54	4.253	99.49	211.08	4.293	100.35	212.62
4.114	97.80	208.03	4.214	98.65	209.58	4.254	99.51	211.12	4.294	100.37	212.66
4.115	97.82	208.07	4.215	98.68	209.62	4.255	99.53	211.16	4.295	100.39	212.70
4.116	97.84	208.11	4.216	98.70	209.66	4.256	99.55	211.20	4.296	100.41	212.74
4.117	97.86	208.15	4.217	98.72	209.69	4.257	99.58	211.24	4.297	100.43	212.78
4.118	97.88	208.19	4.218	98.74	209.73	4.258	99.60	211.27	4.298	100.45	212.82
4.119	97.90	208.23	4.219	98.76	209.77	4.259	99.62	211.31	4.299	100.47	212.85
4.120	97.93	208.27	4.220	98.78	209.81	4.260	99.64	211.35	4.300	100.50	212.89
4.121	97.95	208.30	4.221	98.80	209.85	4.261	99.66	211.39	4.301	100.52	212.93
4.122	97.97	208.34	4.222	98.83	209.89	4.262	99.68	211.43	4.302	100.54	212.97
4.123	97.99	208.38	4.223	98.85	209.93	4.263	99.70	211.47	4.303	100.56	213.01
4.124	98.01	208.42	4.224	98.87	209.96	4.264	99.73	211.51	4.304	100.58	213.05
4.125	98.03	208.46	4.225	98.89	210.00	4.265	99.75	211.54	4.305	100.60	213.08
4.126	98.05	208.50	4.226	98.91	210.04	4.266	99.77	211.58	4.306	100.62	213.12
4.127	98.08	208.54	4.227	98.93	210.08	4.267	99.79	211.62	4.307	100.65	213.16
4.128	98.10	208.57	4.228	98.95	210.12	4.268	99.81	211.66	4.308	100.67	213.20
4.129	98.12	208.61	4.229	98.98	210.16	4.269	99.83	211.70	4.309	100.69	213.24
4.130	98.14	208.65	4.230	99.00	210.20	4.270	99.85	211.74	4.310	100.71	213.28
4.131	98.16	208.69	4.231	99.02	210.24	4.271	99.88	211.78	4.311	100.73	213.32
4.132	98.18	208.73	4.232	99.04	210.27	4.272	99.90	211.81	4.312	100.75	213.35
4.133	98.20	208.77	4.233	99.06	210.31	4.273	99.92	211.85	4.313	100.77	213.39
4.134	98.23	208.81	4.234	99.08	210.35	4.274	99.94	211.89	4.314	100.80	213.43
4.135	98.25	208.84	4.235	99.10	210.39	4.275	99.96	211.93	4.315	100.82	213.47
4.136	98.27	208.88	4.236	99.13	210.43	4.276	99.98	211.97	4.316	100.84	213.51
4.137	98.29	208.92	4.237	99.15	210.47	4.277	100.00	212.01	4.317	100.86	213.55
4.138	98.31	208.96	4.238	99.17	210.50	4.278	100.03	212.05	4.318	100.88	213.58
4.139	98.33	209.00	4.239	99.19	210.54	4.279	100.05	212.08	4.319	100.90	213.62